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# SANTA CLARA

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1987-1988

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Counseling Psychology  
and  
Education  
Graduate Programs

**For information:**

**Division of Counseling Psychology  
and Education  
213 Bannan Hall  
Santa Clara University  
Santa Clara, California 95053  
(408) 554-4355**

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Santa Clara University reserves the right to make program, regulation, and fee changes at any time without prior notice. The University strives to assure the accuracy of the information in this bulletin at the time of publication. However, certain statements contained in this bulletin may change or need correction.

### **Nondiscrimination Policy**

Santa Clara University does not discriminate on the basis of race, color, age, religion, sex, marital status, handicap, national and/or ethnic origin, or veteran's status in the administration of its educational policies, admissions policies, scholarships and loan programs, athletic and other school-administered policies, as well as employment-related policies and activities. Additional information concerning nondiscrimination policy for students and academic programs may be obtained from the Office of Student Services, and nondiscrimination policy on employment may be obtained from the Personnel Department. Copies of the grievance procedure are also available in those offices.

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Division of Counseling Psychology  
and Education  
Graduate Programs  
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Santa Clara, California 95053





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# Academic Calendar 1987-88

## FALL QUARTER 1987

August 31- September 11	Monday-Friday	Mail registration
September 7	Monday	Labor Day; administrative holiday
September 24	Thursday	Instruction begins
September 24-30	Thursday-Wednesday	Late registration and add period
October 9	Friday	Last day to petition for graduate degrees to be conferred in December 1987
November 16	Monday	Submit comprehensive examinations in Counseling Psychology
November 20	Friday	Last day to withdraw from classes
November 26-27	Thursday-Friday	Thanksgiving recess; academic and administrative holidays
December 3	Thursday	Classes end
December 7-10	Monday-Thursday	Fall quarter examinations
December 15	Tuesday	Fall quarter grades due
December 24-25	Thursday-Friday	Christmas recess; administrative holidays
December 31- January 1	Thursday-Friday	New Year's recess; administrative holidays

## WINTER QUARTER 1988

November 23- December 4	Monday-Friday	Mail registration
January 4	Monday	Instruction begins
January 4-8	Monday-Friday	Late registration and add period
January 14	Thursday	Last day to petition for graduate degrees to be conferred in March 1988
January 18	Monday	Martin Luther King's Birthday; academic and administrative holiday
February 15	Monday	Presidents' Day; academic and administrative holiday



February 16	Tuesday	Submit comprehensive examinations in Counseling Psychology
March 4	Friday	Last day to withdraw from classes
March 10	Thursday	Classes end
March 14–17	Monday–Thursday	Winter quarter examinations
March 22	Tuesday	Winter quarter grades due

### SPRING QUARTER 1988

February 29– March 11	Monday–Friday	Mail registration
March 28	Monday	Instruction begins
April 1	Friday	Good Friday; academic and administrative holiday
March 28–April 4	Monday–Monday	Late registration and add period
April 15	Friday	Last day to petition for graduate degrees to be conferred in June 1988
May 2	Monday	Submit comprehensive examinations in Counseling Psychology
May 27	Friday	Last day to withdraw from classes
May 30	Monday	Memorial Day; academic and administrative holiday
June 2	Thursday	Classes end
June 4	Saturday	Graduate commencement
June 6–9	Monday–Thursday	Spring quarter examinations
June 14	Tuesday	Spring quarter grades due

### SUMMER SESSION 1988

May 31–June 10	Tuesday–Friday	Mail registration
June 20	Monday	Instruction begins
June 20–24	Monday–Friday	Late registration and add period
July 1	Friday	Last day to petition for graduate degrees to be conferred in August 1988
July 4	Monday	Independence Day; academic and administrative holiday
July 15	Friday	Last day to withdraw from classes

July 25–28	Monday–Thursday	Summer session examinations
August 2	Tuesday	Summer session grades due

*All dates are inclusive.*

# 1

## Santa Clara University

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### STATEMENT OF PURPOSE

Inspired by the love of God to serve through education, begun by the Franciscans who founded Mission Santa Clara in 1777 and continued by the Jesuits who opened the College in 1851, Santa Clara University declares its purpose to be the education of the human person within the Catholic and Jesuit tradition.

The University is thus dedicated to

- a community of highly qualified scholars, teachers, students, and administrators bound to an uncompromising standard of academic excellence;
- an education that, in its emphasis on undergraduate studies and its pursuit of selected high-quality graduate and professional programs, stresses moral as well as intellectual values, an education of the whole person, an education seeking to answer not only “what is” but “what should be”;
- an academic community informed by Catholic principles, a community offering its members the opportunity for worship and for deepening their religious perception, yet a community enriched by men and women of diverse religious and philosophical as well as social and racial backgrounds, a community opposed to narrow indoctrination or proselytizing, a community wherein freedom of inquiry and freedom of expression enjoy the highest priority;
- an integrated curriculum designed not only to provide the scientific and humanistic knowledge necessary to enable students to become fully human, but also to demonstrate the unity of all forms of knowledge and to enable students to assume leadership in the modern world;
- the encouragement of teaching excellence and of the scholarly research that promotes such excellence, of close student-teacher relationships, of experimental and innovative courses and teaching methods—courses and methods that stimulate not only the acquisition of knowledge but also the creative use of knowledge;

- an academic community in which students, teachers, and administrators dedicated to academic freedom and united in the search for truth actively formulate and carry into effect the University's policies.

Board of Trustees  
Santa Clara University  
January 22, 1975

## HISTORICAL PERSPECTIVE

On January 12, 1777, six months after the signing of the Declaration of Independence, a cross was planted at a site in the present city of Santa Clara by a Spanish Franciscan missionary, Tomás de la Peña, to mark the founding of the eighth of California's original 21 missions, Santa Clara de Asís.

Three-quarters of a century elapsed before Santa Clara University, or Santa Clara College as it was known, opened its doors as an institution of higher learning. In the intervening years, however, the mission served as a spiritual center and school for the Indians. Besides religious instruction, the men were taught stockraising, farming, and the building trades; the women, weaving and sewing; the boys, reading, music, and religious drama. From 1777 until Mexican government secularization on February 27, 1837, some 9,000 persons were baptized at the mission.

During the early period, the less solidly built mission buildings of the first and second sites were destroyed by the flooding waters of the Rio Guadalupe. The third mission church, constructed of adobe, was completed in 1784 but was seriously damaged by earthquakes in 1812 and 1818. A fourth church, also adobe, was used temporarily from 1819 to 1825. The larger, fifth adobe mission with its quadrangle patio, was completed and dedicated August 12, 1825. The University's Adobe Lodge Faculty Club is all that remains of the west wing of the quadrangle.

The first site of Mission Santa Clara is marked by a California state historical landmark located near the intersection of Kifer Road and De La Cruz Boulevard. Crosses mark the second site at De La Cruz Boulevard and Martin Street and the third site at Campbell and Franklin streets. The temporary fourth mission church stood between what are now Kenna Hall and the Walsh Administration Building.

During the first three decades of the nineteenth century, the old mission enjoyed its most fruitful years. In 1827, well over 1,400 Indians lived within sound of the mission's bells. In that year, some 15,000 sheep, 14,500 head of cattle, and abundant crops of wheat, corn, and beans were produced and cared for by the Indians under the guidance of the missionaries.

A combination of factors terminated the decades of prosperity at Santa Clara and the other California missions. The Mexican War of Independence brought turmoil from 1810 to 1821 and resulted in a decrease in Franciscan personnel and donations-in-aid from benefactors. The new Mexican government took possession of the old Jesuit Pious Fund of the Californias that had been the main source of support for the mission. Most of the Indians' lands, cattle, and sheep became the object of spoliation by civil administrators.



In 1827 and again in 1829, governmental decrees ordered exile for all Spaniards who refused allegiance to the new regime. Since most of the mission padres were from Spain, many chose banishment. Some, however, remained until 1833, when Mexican Franciscan replacements arrived from the missionary college of Zacatecas. Among them was Fray Francisco García Diego y Moreno, who was to become the first bishop of the Californias. Although committed to the welfare of the Indians, the padres' resistance to governmental encroachment on the Indians' rights and property had little effect. Full secularization of mission properties was finally imposed at Mission Santa Clara in early 1837. This action ended the effectiveness of the Franciscan missionary endeavor in Alta California. Within a few years most of the mission buildings and the Indian lands, cattle, and sheep were seized by civil officials and other claimants. In the early 1840s, foreigners began arriving in Alta California in increasing numbers. Some of the immigrants were Anglo-Americans attracted by the rich agricultural lands of Santa Clara Valley.

Events of the year 1848 dramatically altered the course of history at Santa Clara. In February, the United States and Mexico signed the Treaty of Guadalupe Hidalgo, which concluded the two-year war in which they had been engaged and ceded California to the United States. That same year gold was discovered in the Sierra Nevada, thus attracting a flood of newcomers into the former Mexican province.

It was in this setting that Santa Clara opened its classroom doors in May 1851. The new Bishop of San Francisco, Joseph Sadoc Alemany, asked Jesuits Michael Accolti and John Nobili, formerly Oregon missionaries, to open a college at Mission Santa Clara. During its first academic year, 1851–52, Father Nobili and a handful of Jesuit and lay teachers offered instruction in a variety of subjects to approximately 40 students. A decision made in 1854 by the Jesuit Province of Turin, Italy, to adopt California as a permanent mission field marked a turning point in Santa Clara's history. As a consequence, the Jesuits of Turin provided the college with the faculty and support that it needed to grow. The following year, Santa Clara College received a charter of incorporation from the state of California.\* In 1857, the college conferred its first collegiate degree, a Bachelor of Arts diploma, on Thomas I. Bergin. This was the first diploma granted by any institution of higher learning in the state of California. By 1858, new scientific apparatus arrived from Paris, and integrated courses in science as well as in the classics and in commercial subjects were offered.

Slow and steady growth followed, and distinguished graduates became prominent members of California life. It was not until 1912, however, that the Schools of Law and Engineering were founded. In that same year, courses in the humanities and the sciences were expanded, and the college became Santa Clara University. Meeting the demands of urban growth in the Santa Clara Valley, courses in commerce and finance were also expanded in 1926,

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\*THE UNIVERSITY'S LEGAL NAME is *The President and Board of Trustees of Santa Clara College* to which should be added, *A Corporation, located at Santa Clara, California*. For the information of individual, corporation, and foundation donors who wish the tax benefits of their gifts and grants, the University is classified by the Internal Revenue Service as a 501 (c)(3)(ii) tax-exempt organization and it is not classified as a private foundation under section 509(a) of the IRS Code.

and the University's School of Business and Administration began. In that same year, the old mission church was destroyed by fire. The present structure, an enlarged replica of the original, was completed in 1928.

From the 1930s through World War II, the University's enrollment was relatively stable. The return of many veterans resulted in an enlarged student body and new resources. In 1947, for the first time in the University's history, enrollment broke the 1,000 mark. From the postwar period to the present, the face of the campus has been changing and expanding. In 1961, the University announced a major change in policy and accepted women as undergraduate students for the first time in its 110-year history. Santa Clara became the first Catholic coeducational institution of higher learning in California. Thanks to the generous support of many friends, 23 new buildings have been added to match the growth in enrollments. Still newer facilities—the Louis B. Mayer Theatre, Leavey Activities Center, and Cowell Student Health Center—were completed in the early 1970s.

Although the student body has grown rapidly in the past decade, it has been held relatively small: 3,600 undergraduates and 4,000 graduate and law students. Since 1960, the number of courses taught has more than doubled, and educational opportunities at all levels have increased.

As an independent University supported by tuition and gifts, Santa Clara has been able to accomplish change in ways that reflect its traditional concern for the individual student.

Today, Santa Clara University, the first institution to offer classes in higher learning on the West Coast, continues its mission heritage of service by helping its students equip themselves with advanced knowledge and humanistic values. Academic excellence in a well-balanced human being is the University's goal.

## CAMPUS LOCATION

Santa Clara University is 46 miles from San Francisco, near the southern tip of the Bay, in an area rich in opportunities for learning. The campus is situated in the midst of one of the nation's great concentrations of high-technology industry and professional and scientific activity. Many nearby firms and social agencies are world leaders in the search for solutions to man's most critical problems. The cultural and entertainment centers of San Francisco, Berkeley, Oakland, and Marin County are within one-hour's travel by bus, train, or car. In the opposite direction, the Pacific beaches of Santa Cruz are about 30 minutes away; the world-famous Monterey Peninsula and Carmel are two hours away.

The University is accessible by major airlines via San Jose International Airport, which is three miles from campus, and via San Francisco and Oakland International airports.

Santa Clara has a moderate Mediterranean climate. Over a period of 67 years, the average maximum temperature was 71.4 degrees and the average minimum, 41.6 degrees. The sun shines an average of 293 days per year, and the average annual rainfall is about 15 inches.



# 2

## Admissions

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### GENERAL REQUIREMENTS

Admission to these graduate programs is open to students who hold a bachelor's degree from an accredited institution of higher learning, who have demonstrated superior scholastic aptitude, and who have given evidence of good citizenship and of moral character.

A student who has been disqualified in any college or school of Santa Clara University is ineligible for admission to these graduate programs.

Foreign-born students and all students whose first language is not English are required to take the Test of English as a Foreign Language (TOEFL) and to submit their score before a decision on their application can be made. Arrangements for this test can be made through the Educational Testing Service, Box 899, Princeton, New Jersey 08540, USA. If the assistant dean has a question about the applicant's skill in spoken English after receiving a TOEFL score, he may require an oral interview. If it is necessary to conduct the oral interview by phone, it will be at the applicant's expense.

### ADMISSIONS PROCESS

Students may apply for degree or for nondegree status. Degree status refers to students admitted by letter into a degree, credential, certificate, or pre-license program offered by the Division. Nondegree status refers to students admitted by letter, not to one of these programs, but to one or several courses offered by the Division.

### DEGREE STATUS

To apply for degree status, submit the following documents to the Division Office. *All forms are available from the Office of the Assistant Dean, 213 Bannan Hall, (408) 554-4355.*

1. Two signed copies of application form (gold form).
2. Two copies of official transcripts from each school attended (include community colleges; do not include transcripts listing only extension courses).
3. Application fee (check payable to Santa Clara University).
4. Three letters of recommendation, preferably on the Santa Clara form.

5. A photo for identification (no set size or format).
6. Statement of purpose to include (a) degree or credential sought; (b) experience report—an overview of education, professional and volunteer work, organizational involvement, homemaking, travel, language skills, and other life experience relevant to the proposed program of study; (c) goal of study and how and where one intends to use the training to be obtained in the program.
7. GRE or MAT scores. Applicants seeking admission to degree status or to the pre-service credential program must submit scores from either the Graduate Record Examination Aptitude Test or the Miller Analogies Test. The applicant may choose which test to take. For a description of these tests, their frequency, sites, cost, and score-return schedule, contact the Division Office, 213 Bannan Hall, (408) 554-4355.
8. Pre-service and pupil personnel credential candidates (a) must take the California Basic Educational Skills Test (CBEST) on application to the credential program, with satisfactory performance required before the credential is awarded; and (b) must show evidence of absence of criminal conviction that would preclude the issuance of a credential.

Applications for admission may be filed at any time. Deadlines are May 1 for summer session and fall quarter, November 1 for winter quarter, and February 1 for spring quarter.

The basic teaching credential program accepts pre-service students for fall quarter only, with an application deadline of May 1. May 1 is also the deadline to submit CBEST scores, which are required of all applicants to credential programs.

## NONDEGREE STATUS

To apply for nondegree status, submit the following documents to the Division Office. *All forms are available from the Office of the Assistant Dean, 213 Bannan Hall, (408) 554-4355.*

1. Application form (green form);
2. A copy of all major transcripts;
3. Application fee (same as for degree status and applicable later for that status); check payable to Santa Clara University;
4. Experience report: overview of education, professional and volunteer work, organizational involvement, homemaking, travel, and language abilities.

Application deadlines are November 1, February 1, May 1, and August 1.

Students applying for nondegree status should have a 3.0 cumulative GPA. No more than 10 quarter units can be taken in nondegree status or later be transferred into a graduate program at this University. Nondegree or special students must inform the Division Office each time they wish to register for a term. Nondegree status requires the student to maintain a 3.0 GPA. *Acceptance into nondegree status does not imply acceptance to a program.*



*All application documents must be sent to the Division Office, 213 Bannan Hall, Santa Clara University, Santa Clara, California 95053. Decisions on admission to either status are sent by mail. No specific reasons will be given in case of rejection, and no information will be given by telephone.*

## ACADEMIC ADVISERS

After being admitted to *degree status*, students are strongly urged to seek the guidance of an academic adviser. Usually the program director serves in this capacity, but students are free to select any full-time faculty member as their adviser.

It is the adviser's task to approve transfer credits when appropriate, to waive required courses under certain circumstances, and to encourage prudent sequencing of courses. Students should inform the assistant dean of their choice of academic adviser so that it may be recorded.

## ENTERING NEW COURSES

Students may enter a course only during the first week of classes in the term.

## GRADUATE TRANSFER OF CREDIT

Up to 10 quarter units (or 6 semester credits) of graduate credit may be transferred from other accredited institutions of higher education to be applied toward the master's degree at Santa Clara University, provided the following stipulations are met:

1. Grades with an equivalent of B or better must have been earned in the graduate courses.
2. Transfer credit will be given only for those courses considered to be equivalent to courses at Santa Clara.
3. Extension and continuing education credits are usually ineligible for transfer credit. Workshops, weekend courses, and district in-service courses are ineligible for transfer credit.
4. Only academic work will be considered for transfer credit. Work experience, missionary experience, teaching experience, and the like will not receive graduate credit at Santa Clara.
5. Graduate work that was completed five or more years prior to the date appearing on the student's letter of acceptance is usually ineligible for transfer credit. At the adviser's discretion, a student may be required to repeat a course taken five or more years before matriculation.

# 3

## Academic Regulations

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### ACADEMIC INTEGRITY

The University is committed to academic excellence and integrity. Students are expected, therefore, to do their own work and to cite any sources they use. A student who is guilty of dishonest practices in an examination, paper, or other required work for a course will receive a grade of F on that work. In certain circumstances, the student may also receive a grade of F for the course and/or be dismissed from the University.

### GRADING SYSTEM

Plus (+) and minus (–) suffixes are incorporated with letter grades to provide the following marks (and numerical equivalents that indicate grade points):

A	4.0	D–	0.7
A–	3.7	F	0
B+	3.3	W	Withdrawn
B	3.0	I	Incomplete
B–	2.7	P	Pass
C+	2.3	NP	Not pass
C	2.0	NR	Not reported (assigned in the Student Records Office)
C–	1.7	R	Repeat (no credit)
D+	1.3	AUD	Audit
D	1.0		

To calculate the grade point average, divide the total number of earned grade points by the number of units that have been attempted (marked “U.A.” on grade card and transcript); a B average is 3.0.

### ACADEMIC PERFORMANCE

A grade point average of 3.0 (B) or better is required in all programs. Students falling below this average must make up the deficiency within their following two courses in order to continue in the program. Students who receive a grade of D or F or who fail to maintain the required grade point average will be disqualified.

If, in the judgment of the instructor, absences affect academic performance, the instructor may make additional assignments. Student absences may also affect the final course grade.

## INCOMPLETES

Graduate students are expected to complete all academic work within the designated time limits. A grade of incomplete (I) may be granted only for a genuine emergency.

In such cases, a student may request a grade of incomplete, subject to approval by the instructor. The unfinished work must be completed to the satisfaction of the instructor before the end of the next scheduled quarter, whether or not the student is registered during that quarter, unless a written extension has been granted prior to the due date. This approval must be on file in the student's academic folder in the Division Office, 213 Bannan Hall. Summer session is not regarded as a quarter.

Make-up work must be in the hands of the instructor no later than two weeks before the end of the quarter, so that the instructor may meet the grade submission deadline. The instructor files a change of grade form with the Division Office, for recording there and for immediate transmittal to the Student Records Office.

A student with three or more unresolved incompletes will not be permitted to register for further courses until all incompletes have been removed.

## LEAVE OF ABSENCE OR WITHDRAWAL

To withdraw from the University, a student must submit a withdrawal form to the Division Office, 213 Bannan Hall.

Degree-status students who interrupt their course of studies for up to one year need not reapply on their return. Summer session is not considered a term.

Degree-status students who interrupt their course of studies for more than one year must withdraw from the University. In order to return, they must file a new application form, but without a fee. Such application forms should be filed by the May 1, November 1, and February 1 application deadlines. These applications for readmission will be subject to the admission requirements and procedures established for persons applying for the first time.

Withdrawal from the University is not officially complete until students clear all of their financial obligations with the Student Accounts Office. Students on deferments or National Direct Student Loans must also clear their financial obligations with the Credit and Collection Office.

## COURSE LOAD

No student is permitted to carry more than 15 graduate quarter units in a single quarter. No student may carry more than 10 quarter units during



summer session. Any student carrying fewer than 9 quarter units is considered a part-time student.

## CHALLENGING COURSES

Students may challenge certain courses that satisfy specific requirements for a degree or credential program. However, units earned in this manner may not be counted toward the total needed for the degree or credential or used to satisfy the residency requirements.

To challenge a course, students must (1) have completed at least 15 quarter units at Santa Clara, (2) have a cumulative grade point average of at least 3.2, and (3) have received the permission of the instructor of the course, the program director, and the dean.

Challenge examinations may be either oral or written, as determined by the instructor. Challenged courses may not be taken on a pass/not pass basis, and no more than one course may be challenged each term.

A fee of \$50.00 is charged for each course challenged.

## AUDITING COURSES

Students accepted into degree or credential programs may audit one course per quarter. No more than three courses may be audited during a student's degree or credential program. Permission to audit a course will be given only at the end of the late registration period and only if space is available in the class. No credit is assigned for an audited course, but the successful completion of an audit will be indicated on a student's transcript by the notation AUD. Students must pay full tuition for auditing a course.

## TRANSFER WITHIN COUNSELING PROGRAMS

A student who wishes to transfer from one Counseling Psychology program to another (e.g., from the M.A. in Counseling to the M.A. in Marriage, Family, and Child Counseling) must submit a written request to the director of Counseling Psychology programs. The request must contain one or more reasons for the proposed change. *Transfer of programs is not automatic.* The director will present the request to the faculty for review and decision. The faculty decision will be transmitted by letter to the student. The date of the letter will be the effective date of the transfer.

The requirements for the new degree program will be those printed in the Division bulletin current at the date of the transfer letter. All requirements for the new degree program must be completed within five calendar years from the beginning of the quarter or session into which the student was originally accepted.



## GRADUATION REQUIREMENTS

The minimum number of graduate quarter units of credit required for the Master of Arts degree or for the teaching credentials is 45. The maximum is 72. Course requirements are described under each program heading in the following pages. For the Master of Arts degrees, for the Master of Science in the Teaching of Mathematics (MSTM), and for the teaching and services credential programs, the candidate must maintain at least a 3.0 grade point average.

All requirements for any degree or credential must be completed within a five-year period. Requests for extension beyond this period must be submitted in writing to the student's program director.

Candidates for a master's degree must file a petition to graduate with the Office of the Assistant Dean, 213 Bannan Hall, by the third Friday of the quarter in which the candidate plans to graduate. Candidates for graduation during summer session must file by the third Friday of spring quarter. A late fee of \$2.00 per day (to a maximum of \$50.00) will be charged for failure to meet these deadlines.

After a petition is filed, the candidate's academic record will be reviewed by the Office of the Assistant Dean. Candidates whose eligibility to graduate is in question will be notified. A candidate who fails to meet all requirements for graduation by the expected date must file a new petition to graduate.

A graduation fee of \$30.00 will be charged to the student's account in the Business Office to cover cap and gown rental, diploma, and other graduation expenses. Details concerning participation in the commencement exercises are handled by the Office of Student Services.

# 4

## Academic Information

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### STUDENT RECORDS

University policy relating to student records complies with the Family Educational Rights and Privacy Act of 1974 (Buckley Amendment). Accordingly, the University will release “directory information” to any person on request, unless a student requests in writing that directory information be held private. Directory information is designated as:

1. Student's name
2. Sex
3. Address (campus, local, and/or permanent)
4. Telephone number
5. Date and place of birth
6. Major field of study, classification, dates of attendance, degrees, and honors received
7. Most recent previous educational institution attended
8. Participation in officially recognized activities, including intercollegiate athletics
9. Name, weight, and height of participants on intercollegiate athletic teams

During the academic year, students may request in writing to the Office of the Vice President for Student Services that directory information be held private. Once filed, the request remains in effect for the remainder of that academic year only.

Certain types of records are excluded by law from inspection, specifically those created or maintained by a physician, psychiatrist, or psychologist in connection with the treatment or counseling of a student. A Parents' Confidential Statement of the College Scholarship Service is also excluded by law from inspection. Third parties shall not have access to educational records or other information pertaining to students without the written consent of the particular student about whom the information is sought.

Students may inspect their records at the following offices:

1. Official academic records, including application forms, admissions transcripts, letters of acceptance, and a student's permanent academic record are on file and maintained in the Student Records Office.

2. Working academic files are also maintained by the dean of a school or college in their respective offices.
3. Records related to a student's nonacademic activities are maintained in the Office of the Vice President for Student Services.
4. Records relating to a student's financial status with the University are maintained in the Office of Student Records and Financial Services.

Students may direct complaints regarding academic records to the dean of the college or school in which the student is enrolled or to the registrar. Students having questions regarding the policy on the privacy of records should contact the University registrar, Walsh Administration Building.

## SUMMER SESSION

In the six-week summer session, June–July, the Division of Counseling Psychology and Education offers many courses needed to fulfill requirements for Counseling Psychology and Education degrees and credentials. Summer session is not considered a regular academic quarter.

The Division also offers summer professional growth opportunities for current CP&E students, alumni, and Bay Area practitioners. Short-term workshops focusing on specific counseling psychology and education issues are offered for continuing education units (CEUs). CEUs are not applicable to Santa Clara's degree or credential programs. These workshops are particularly useful for educators and counselors who need to meet licensing renewal requirements.

For information on summer session offerings, contact the Division Office, 213 Bannan Hall, (408) 554-4355.



# 5

## Financial Information

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### TUITION AND FEES PER QUARTER

Application charge.....	\$ 25.00
Payment should be sent with each application form and is not refundable. Nondegree students pay this fee once, at the initial application.	
Registration fee .....	5.00
This fee is payable each quarter of registration regardless of the number of units for which the student is registered. The fee is not refundable.	
Tuition, per quarter unit .....	175.00
Late registration fee .....	30.00
Graduation fee for those receiving the master's degree.....	30.00
Credential completion fee for those receiving the teaching credential .....	25.00
Late submission of petition to graduate fee, per day (\$50.00 maximum) .....	2.00
Fee for challenging a course, per course .....	50.00
Auditing fee, per quarter unit.....	175.00
Credential evaluation fee.....	35.00
Transcript of grades (rush process) fee .....	7.50
Deferment service fee.....	50.00
Returned check fee.....	10.00

### METHOD OF PAYMENT

All charges are due and payable no later than the day of registration. *Registration will not be considered complete and will be canceled unless payment in full is received or a formal deferment is obtained from the Office of Credit and Collection by the required deadline.* Remittances should be made payable to Santa Clara University and mailed to P.O. Box 44783, San Francisco, CA



94144-4783. Information regarding periodic statements of account or payment should be directed to the Student Accounts Office.

Students who have unpaid bills at the University or who defer payment without signed approval are subject to dismissal from the University and, as long as such payments are outstanding, will not receive academic transcripts or any diploma.

Several tuition plans administered by outside financing agencies are available. Those who plan to avail themselves of one of these plans should request information from the Student Accounts Office at least three months prior to registration.

## REFUND OF TUITION

Students formally withdrawing after they have registered but prior to the first scheduled class meeting will receive a full refund minus a \$10.00 registration cancellation fee for each class canceled. Students formally withdrawing during the first week of the term, i.e., within seven days after the day instruction begins as printed in the Academic Calendar, will receive a refund of one-half of the tuition paid. No other refunds will be authorized. The date on which written notice of withdrawal is received by the assistant dean will determine the refund, not the date of last attendance by the student. Appeals for special consideration should be addressed to the assistant dean, Division of Counseling Psychology and Education.

No refunds will be made because of curtailment of services brought about as a result of strikes, acts of God, civil insurrection, riots or the threat thereof, or other causes beyond the control of the University.

Refund checks for approved course withdrawals are issued by the Student Accounts Office. Any student who qualifies for an institutional refund must request it from the Student Accounts Office.

*All fees, charges, and refund schedules stated in this bulletin are subject to change without prior notice.*

## FINANCIAL AID

Financial assistance at Santa Clara University is awarded on the basis of superior academic record and/or financial need. With the exception of the Edwin J. Brown Fellowship and the Gerald E. McDonald Graduate Scholarship, the University does not maintain a scholarship or grant program for students enrolled in Counseling Psychology and Education.

### Scholarships and Fellowships

***California State Graduate Fellowships*** Awarded to students who are pursuing a recognized graduate or professional degree and who have not completed more than four quarters of full-time graduate work as of October

1. Selection is made on the basis of state manpower needs, academic performance, and financial need. Applications are available in the fall from the Financial Aid Office.

***Edwin J. Brown Fellowship in Teacher Education*** A perpetual fellowship provided by a gift from the late Dr. Edwin J. Brown, professor of education. This fellowship provides a stipend from the proceeds of the endowment and may vary from year to year. Applications are available prior to fall quarter in 213 Bannan Hall.

***Gerald E. McDonald Graduate Scholarship in Education*** Annual award to a student who has completed, with GPA of 3.25 or better, at least one-third of a Santa Clara program in teacher education, special education, or educational administration. Application forms are available in the Division Office, 213 Bannan Hall, during fall quarter.

In addition to the conditions specified by the donors, all scholarships administered by the University are subject to the following conditions:

1. In selecting students for scholarship benefits, evidence of financial need is required. From the applicants who satisfy this requirement, preference will be given to students with higher scholastic attainments.
2. A student who holds a scholarship must file a petition for renewal each year. Petitions for new or renewed scholarships by students already in attendance at the University must be submitted before February 1.
3. Scholarships may be canceled at any time for serious infractions of the rules and regulations of the University.
4. As a general rule, undergraduate applicants receive priority consideration for the different financial aids for which both graduate and undergraduate students are eligible to apply.

## Loans

Because scholarships and grants are limited, many students applying for aid find the most advantageous method of financing their education is through loan programs. Among those available to students in the graduate programs are the Perkins Loans (formerly National Direct Student Loans), Guaranteed Student Loan, and Supplemental Loans to Students. Application forms and further information may be obtained from the Financial Aid Office.

## Deadlines

The Financial Aid Office has established deadlines for consideration for the various programs it administers. All students requesting financial aid from the University should contact the office at the earliest possible date to request specific deadline information and appropriate application materials.

A University application for financial aids is required. Files completed later than February 1 for nonrecipients and May 1 for current recipients will be placed on a waiting list and will receive consideration on a funds available basis.

### **Veterans and Veterans' Dependents Assistance**

Santa Clara University is listed by the Veterans Administration as qualified to receive students under Chapter 34 (veterans); Chapter 35 (veterans' dependents—son or daughter with parent deceased or 100 percent disabled, widow of any person who died in the service or died of a service-connected disability, or the wife of a veteran with a 100 percent service-connected disability); and Chapter 31 (rehabilitation). Those interested in attending under any of these chapters should contact the Veterans Administration Office in their locality to determine eligibility for benefits.

The state of California provides a program for children of veterans who are deceased or disabled from service-connected causes. Application should be made to the California Department of Veterans Affairs, 350 McAllister Street, San Francisco, CA 94102.

Information regarding these programs may be obtained from the Santa Clara University veterans' counselor in the Student Records Office.



# 6

## Academic Programs

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The Division offers three Master of Arts degree programs in counseling: Counseling (51 quarter units), Counseling Psychology (72 quarter units), and Marriage, Family, and Child Counseling (72 quarter units). Emphases in Health Psychology and Pastoral Counseling are available in all three degree programs. A credential program in basic pupil personnel services is also available.

In education, the Master of Arts degree is available in Special Education, Interdisciplinary Education, and Educational Administration. Credential programs offered are single-subject and multiple-subject teaching, learning handicapped specialist, pupil personnel services, and administrative services. A resource specialist certificate is also available.

The Master of Science in the Teaching of Mathematics (MSTM) program is offered conjointly by Education and Mathematics. (The Department of Mathematics is in the College of Arts and Sciences.) The MSTM is designed for both prospective and experienced teachers of mathematics in secondary schools and community colleges.

### ADMISSION TO COUNSELING DEGREE PROGRAMS

Applicants to counseling degree programs are evaluated in light of previous experience and academic record. At least one year of practical experience after the Bachelor of Arts degree in a field related to their chosen profession is required.

Exceptions are sometimes made when experience is taken concurrently with the graduate program. Applicants should know that Santa Clara's counseling programs are primarily designed for the working professional, with most courses being offered in the late afternoons and evenings. A limited number of daytime classes are available. Students are encouraged either to continue in their present employment, if suitable, or select situations where some application of counseling skills is possible. Preference will be given to those whose working milieu provides such application.

Applications are welcome anytime during the year. The admissions committee meets fall, winter, and spring quarters to select the most highly qualified applicants for each counseling program.



## COUNSELING PROGRAMS

### MASTER OF ARTS IN COUNSELING

The degree of Master of Arts in Counseling is specifically designed for one of four areas: (1) Pupil Personnel Services, (2) Health Psychology, (3) Pastoral Counseling, or (4) General Emphasis. This degree prepares students to counsel in public and private schools, community colleges, community agencies, hospitals, private clinics, religious settings, and industry. The degree will not meet the content areas for the California State License in Marriage, Family, and Child Counseling.

A minimum of 51 quarter units is required for the Master of Arts in Counseling. If the applicant's background in psychology or related areas is weak, or if adequate work experience is lacking, as many as 9 additional quarter units may be required. Courses are selected by the student and adviser with the ultimate goal of the student in mind. Courses to be included in the student's program are listed on page 31. Persons accepted for the M.A. in Counseling will choose one of the four emphasis programs described below.

#### Emphasis in Pupil Personnel Services

Ruth E. Cook (*Director*)

The Emphasis in Pupil Personnel Services is for students wishing to counsel at the elementary or secondary level in the public or private school system. It can also be designed to meet the requirements for the California state credential. The pupil personnel services credential may be earned with or without earning the Master of Arts degree. The program endeavors to prepare students to meet the current challenges of guidance specialists through courses in individual, group, and family counseling; testing; guidance principles and procedures; career counseling; understanding of contemporary issues in education; practicum; and carefully selected electives.

#### Internship Pupil Personnel Credential

Students who have successfully completed 6 quarter units of graduate work in the counseling program and have passed the CBEST test may be eligible to apply for the internship pupil personnel credential. This California state credential authorizes the intern to be hired as a counselor in the public schools. Students will be expected to complete all requirements in the Pupil Personnel Credential program within a two-year period. During this time, the intern will be closely supervised by the hiring school district and the University. Interested students should contact their district's director of guidance and the University program director.

## Emphasis in Health Psychology

Dale G. Larson (*Director*)

The Emphasis in Health Psychology program at Santa Clara University aims to expand and enhance the skills of health care and related professionals. The program focuses on applications of psychology to issues of health and disease at individual and societal levels. Course work concentrates on the development of knowledge and practical skills in the following areas:

1. Maintaining and promoting personal health
2. Preventing disease
3. Exploring the individual and social contexts of health problems
4. Counseling healthy and ill individuals with regard to health-related problems and issues
5. Organizing and leading patient support groups
6. Addressing interpersonal issues in health care settings

The program is designed for medical professionals such as nurses, occupational and physical therapists, and public health and hospice workers. The program is also appropriate for those who staff health promotion programs in industry, hospitals, clinics, employee assistance programs, and other agencies in which health is a professional concern.

The Health Psychology Emphasis is available to students in three master of arts program options: Counseling with an Emphasis in Health Psychology (51 quarter units); Counseling Psychology with an Emphasis in Health Psychology (72 quarter units); and Marriage, Family, and Child Counseling with an Emphasis in Health Psychology (72 quarters units). The 72-quarter-unit options provide a greater depth of training in counseling theory and skills and can allow the student to meet all the academic requirements for the California State License in Marriage, Family, and Child Counseling.

## Emphasis in Pastoral Counseling

Brian P. Hall (*Director*)

The Emphasis in Pastoral Counseling is designed to meet the professional needs of ministers, priests, rabbis, directors of religious education, and youth ministers, as well as graduates from accredited colleges who aspire to work within a church setting and wish to specialize in pastoral counseling or develop pastoral skills in this area.

The Pastoral Counseling emphasis is available to students as either the Master of Arts in Counseling (51 quarter units) or the Master of Arts in Counseling Psychology (72 quarter units) or the Master of Arts in Marriage, Family, and Child Counseling (72 quarter units). The 72-unit option provides a greater depth of training in counseling theory and skills and can allow



the student to meet all the academic requirements for the California State License in Marriage, Family, and Child Counseling.

The pastoral emphasis programs are ecumenical in nature and follow the guidelines of the American Association of Pastoral Counseling, both academically and in required counseling supervision. Internship and supervision are required of all students in the second year of the program. Supervision is based on the requirements of the American Association of Pastoral Counselors.

It is expected that each student will have adequate background in Scripture and theology. When this is not the case, the student will be expected to take up to three courses from the graduate program in the Department of Religious Studies (College of Arts and Sciences). Pastoral counseling students are allowed to take subjects as electives from the Religious Studies graduate program after consultation with their adviser.

All students in the Pastoral Counseling program are required to complete a pastoral ministry project that substitutes for the comprehensive examination required in all other counseling programs. Students design their own project with a faculty director who oversees the project and supervises actual work in a pastoral situation. The project results in a written paper that integrates pastoral practice with the individual's own faith tradition.

The pastoral ministry project is open to students in all Counseling Psychology programs. It includes group experience in spiritual direction as well as the project. Interested students should consult with the program director for further information.

Those wishing to take the 72-quarter-unit Pastoral Counseling emphasis and also to earn the MFCC license may need to take an additional 9 quarter units.

### General Emphasis

Kenneth E. Blaker (*Director*)

Students who desire a 51-quarter-unit Master of Arts degree with an emphasis other than Pupil Personnel Services, Health Psychology, or Pastoral Counseling may develop a *general* program in close consultation with the program director. The student and program director create a contract listing the courses and units that will culminate in an M.A. in Counseling. Students must adhere to the contract in their course selections and successfully complete the comprehensive examination.

### MASTER OF ARTS IN COUNSELING PSYCHOLOGY

Kenneth E. Blaker (*Director*)

The Master of Arts Degree in Counseling Psychology provides an intensive two-year master of arts program for students who plan to seek positions



that require such a program. The degree requires 72 quarter units and allows for a wide variety of specializations, depending on the student's selection of electives. Required courses are listed on page 31. It is possible to prepare for the MFCC license examination if courses are selected carefully with the help of an adviser. Three quarter units of Field Laboratory (305) may be included.

## MASTER OF ARTS IN MARRIAGE, FAMILY, AND CHILD COUNSELING

Kenneth E. Blaker (*Director*)

The degree in Master of Arts in Marriage, Family, and Child Counseling is designed to train counselors in the treatment of premarital, marital, family, and child relationship dysfunctions. This program requires a minimum of 72 quarter units. It includes theoretical and experiential work with an emphasis on development of practical and appropriate clinical skills. The program is based on regulations provided by the Board of Behavioral Science Examiners and on guidelines suggested by the American Association for Marriage and Family Therapy and the California Association of Marriage and Family Therapists. Required courses are listed on pages 31–32. These courses are designed to prepare the student for the California MFCC license examination. Three quarter units of Field Laboratory (305) may be included.

### Admission to the M.A. in Marriage, Family, and Child Counseling

Since the state license in Marriage, Family, and Child Counseling allows its holder to engage in private practice using psychotherapeutic techniques and counseling, candidates will be selected on the basis of experience, previous academic background, and maturity with regard to life experience and professional goals. Applicants to the Marriage, Family, and Child Counseling program should be prepared and sufficiently motivated to complete the experience requirements as set forth by the Board of Behavioral Science Examiners on completion of the degree program. Further information regarding these requirements may be obtained by writing to the Board of Behavioral Science Examiners, 1021 O Street, Sacramento, California 95814.

### COURSE REQUIREMENTS: COUNSELING DEGREE PROGRAMS

Required courses for the counseling degree programs are listed below. Elective courses are taken in addition to required courses to fulfill the total number of quarter units in the student's program. Electives must be selected in consultation with a faculty adviser. Up to 3 quarter units of Field Laboratory (305) may be included as elective units.

*Note: Courses CPSY 200, 212, 216, 218, 219, 220, 227, and 275 are required for all counseling degree programs (275 is not required for the Pupil Personnel Services program).*

### Counseling (51 quarter units)

***Pupil Personnel Services Credential*** CPSY 217, 226, 266, 300, 307, 330 (two quarters), Education 370, and one elective selected in consultation with the program director. Students obtaining the Pupil Personnel Services Credential will be expected to demonstrate or achieve basic computer competencies.

***Emphasis in Health Psychology*** 318, plus the core Health Psychology courses 291, 380, 381, 382, 385, and 386. One elective can be selected in consultation with the program director.

***Emphasis in Pastoral Counseling*** 292, 293 (6 units); 298, 336 (9 units); and an elective assessment course selected in consultation with the program director.

***General Emphasis*** 307 or 319, 312, 331 (two quarters), and four electives selected in consultation with the program director.

### Counseling Psychology (72 quarter units)

216, 217, 312, 318, 319, 331 (two quarters), and nine electives

***Counseling Psychology with an Emphasis in Health Psychology*** Students must complete all requirements for the 72-unit Counseling Psychology degree plus the Health Psychology required courses 291, 380, 381, 382, and 385.

***Counseling Psychology with an Emphasis in Pastoral Counseling*** Students must complete all requirements for the 72-unit Counseling Psychology degree. In addition, they must complete the requirements for the Pastoral Counseling Emphasis: 292, 293 (6 units); 298, 333 or 336 (9 units); 336 must be taken in lieu of 331.

### Marriage, Family, and Child Counseling (72 quarter units)

211, 217, 311, 315, 318, 319, 333 (three quarters), and six electives

***Marriage, Family, and Child Counseling with an Emphasis in Health Psychology*** Students must complete all requirements for the 72-unit Marriage, Family, and Child Counseling degree plus the core Health Psychology courses 291, 380, 381, 382, and 385 (333 is substituted for 386).



***Marriage, Family, and Child Counseling with an Emphasis in Pastoral Counseling*** Students must complete all requirements for the 72-unit Marriage, Family, and Child Counseling degree. In addition, they must complete the requirements for the Pastoral Counseling Emphasis: 292, 293 (6 units), and 333 (in lieu of 336).

*The following information applies to students in all counseling programs:*

***Academic Performance*** Students must maintain at least a 3.0 grade point average throughout the degree program. A grade point average of 3.0 or higher is required in courses 200, 219, and 227 for continuation in the program irrespective of grades earned in other courses.

***Sequence of Courses*** CPSY 200, 219, and 227 must be taken during the first nine courses of study. CPSY 219 has pre-group as a prerequisite, and the student is urged to enroll in pre-group within the first two quarters. Practicum should be taken after sufficient course work is completed to make it a meaningful undertaking and should, therefore, occur in the last half of a student's program. Course work in preparation for practicum should include all nine core courses. If a student intends to qualify for the California State License in Marriage, Family, and Child Counseling, (s)he will need to complete three quarters of MFC Practicum (333), beginning the sequence in the fall quarter. Prerequisites for the MFC Practicum (333) include 311, 315, 318, and 319. Before beginning a practicum experience, the student must submit a certificate of insurance for malpractice to the Office of the Dean. Students wishing to gain experience in counseling prior to qualifying for a practicum are encouraged to enroll in Field Experience (308 or 309), or Field Laboratory (305). Students should note those courses that have prerequisites and plan accordingly.

***Mandatory Pre-Group Experience*** Psychology of Group Counseling (219) is required of *all* counseling students. The prerequisites for 219 are 200 *and* a small pre-group experience that should be completed during the first year of study. Pre-groups are conducted on campus by professional leaders (and advanced student assistants); are interpersonally oriented and ungraded; and are designed to facilitate personal growth and exploration as well as the experience of the small-group process. The directed group experience is an opportunity to cope with individual issues that promote or inhibit counseling skills. Groups are offered each quarter. Students may register for 1 quarter unit of Field Laboratory (305) credit with prior permission from a faculty adviser.

***Spiritual and Personal Development*** Selected courses in the Pastoral Counseling Emphasis program are available to students in all Counseling Psychology programs who are interested in spiritual and personal development. Enrollment in the Pastoral Ministry Seminar (293) and the Pastoral Practicum (333 or 336) is possible for students interested in these areas. See the Pastoral Counseling Emphasis program director for further information.



***Self-Disclosure*** Preparing oneself to become a professional counselor requires disclosure of personal thoughts and feelings on a deeper level than in other courses of study. As part of the educational process in the counseling program, students will be expected to engage in exercises and activities that require written or oral personal communication. Although the effectiveness of counseling training depends on students' willingness to participate in a self-disclosing manner, individuals will determine their own level of self-disclosure.

***Confidentiality*** The need for personal disclosure creates an obligation of confidentiality for teachers and group leaders.

Students have the right to expect confidentiality because the faculty of the Counseling Psychology program expects self-disclosure. Violations of this obligation are most serious and may result in a review of the professional responsibilities of the faculty member.

Students to whom personal disclosure is made in courses, practica, counseling sessions, and other training activities also have the obligation of confidentiality. Students who violate this obligation are subject to suspension or expulsion from the University.

***Periodic Evaluations*** The Counseling Psychology faculty may periodically evaluate students on their performance and behavior. This is part of the Division's commitment to the profession of counseling and to the clients it serves. Should the faculty judge that a student would not be an asset to the counseling profession, the student will be asked to leave the program regardless of the number of courses already completed. Students will be contacted only when their evaluation is negative. Otherwise, they may assume that their performance is satisfactory.

***Comprehensive Examination*** A written comprehensive examination will be given during the last quarter of study (summer session excluded) or after all required courses have been completed, with the exception of practica. The purpose is to facilitate a meaningful synthesis of the various concepts and experiences provided in the program. If needed, a second opportunity will be given to perform satisfactorily on the comprehensive examination. Passing the comprehensive examination is prerequisite to obtaining the Master of Arts degree.

Students in the Pastoral Counseling Emphasis program must submit a final project instead of the comprehensive examination.

## EDUCATION PROGRAMS

### TEACHER EDUCATION PROGRAM

Joyce E. King (*Director*)

The Teaching Credential program is designed to meet California state credential requirements for teaching grades K through 12 under the California Teacher Preparation and Licensing Law of 1970, commonly known as the Ryan Act. Santa Clara University is approved by the Commission on Teacher Credentialing to recommend qualified candidates for the multiple-subject (essentially elementary) teaching credential and the single-subject (essentially junior and senior high) teaching credential.

It is the aim of the Teacher Education program at Santa Clara University to develop teachers who demonstrate excellence in both the theory and practice of teaching and who contribute positively to the growth in knowledge, competence, imagination, social responsibility, and self-esteem of children and adolescents of all abilities and backgrounds.

#### Types of Basic Teaching Credentials

***Multiple-Subject Teaching Credential*** This credential is for those who plan to teach multiple subjects in a self-contained classroom (essentially elementary schools). The academic major for undergraduates at Santa Clara who plan to obtain this credential is the Multidisciplinary Studies/Pre-Teaching program. This major includes course work in four subject areas: English and communication skills; mathematics and physical and life sciences; social sciences; and humanities and fine arts. Students who have not completed this program must pass a multiple-subject exam (the Core Battery of the National Teacher Exam) in order to verify subject matter competence.

***Single-Subject Teaching Credential*** This credential is for those who plan a teaching career in junior high or senior high schools in particular subject areas. California teaching credentials are available in the following subject areas: agriculture, art, business, English, government, health science, history, home economics, industrial arts, languages, life science, music, physical education, physical science, and social science.

At Santa Clara, nine single-subject, approved academic majors are offered at this time: biology, chemistry, combined sciences, English, history, mathematics, French, German, and Spanish.

Students who do not complete one of these approved programs or who wish to obtain a credential in an area for which Santa Clara does not have an approved program must pass a subject area exam (the National Teacher Exam) in order to verify subject area competence. Information regarding the National Teacher Exam is available in the Division Office, 213 Bannan Hall.



The learning handicapped and administrative services credentials and the resource specialist certificate require that the person first hold either a multiple- or single-subject credential.

## Minimum Requirements

The minimum requirements for each teaching credential include (1) a baccalaureate or higher degree in a subject area (not in professional education) from an accredited institution; (2) completion of an approved program of professional education, including student teaching; (3) completion of a state-approved subject area major or passage of a subject area exam (in the area one plans to teach); (4) demonstration of a knowledge of the various methods of teaching reading by completion of course work or passage of an approved examination; and (5) passage of the California Basic Educational Skills Test (CBEST).

A clear teaching credential may be earned by meeting the minimum requirements plus the additional requirements of a fifth year of study, a course in health education, a course in teaching children with exceptional needs in the regular classroom, and course work or an exam on the provisions and principles of the U.S. Constitution.

Effective February 1, 1983, the Commission on Teacher Credentialing will not initially issue any credential, permit, certification, or renewal of an emergency credential unless the applicant has passed CBEST.

For further information, contact the Division Office or the commission in Sacramento.

## Pre-Service Program

The Pre-Service Credential program is a full-time, 45-quarter-unit program for prospective multiple-subject teachers (elementary grades) and single-subject teachers (junior and senior high). The program includes graduate course work in educational foundations, curriculum design, teaching methods, and supervised student teaching. Candidates have the opportunity to work with students from diverse cultural and ethnic backgrounds as well as with students with exceptional needs. They are usually placed in one or two schools for student teaching, allowing for peer colleagueship and a spirit of close teamwork with a school faculty.

The Pre-Service program is designed to provide extensive experience in the schools as well as a diversified course of study in educational theory and practice at the University. The program includes the following sequences:

### *Directed Teaching* Education 320, 321, 322, 323

This sequence provides experience in the classroom (first as a teaching assistant, then as a student teacher), coupled with a weekly seminar at the University. Education 323, taken concurrently with 322, provides training in meeting the needs of students with exceptional needs in the regular classroom.



***Foundations of Education*** Education 249, 250, 251, 252

This sequence draws from the disciplines of philosophy, psychology, sociology of education, and curriculum development and includes training in interpersonal/cross-cultural communication skills.

***Teaching of Reading*** Education 283, 286 or 284, 285

This sequence consists of courses in reading and literature appropriate to the age level one plans to teach.

Most students complete the Pre-Service program as a fifth year of study, although students who have completed all University course requirements for graduation by the end of their junior year (including their major requirements) are able to complete the program in their senior year. In such cases, an additional 45 quarter units of an approved program must be completed within five years to obtain a clear teaching credential.

In special circumstances, and with prior approval, the Pre-Service program may be completed in two years. Although this option is made available to students, the one-year plan is more highly recommended as it provides for greater continuity and a sharper focus of energies.

**In-Service Program**

The In-Service Credential program is designed for persons who already have some teaching experience and/or academic background in professional education. A program of study for each individual will be prepared in consultation with the director of Teacher Education. The design of the program will be determined by consideration of past course work, teaching experience, and demonstrated teaching competencies. Most students in this program are working on completion of the requirements for a basic clear teaching credential. When all requirements in the Santa Clara professional preparation program have been met, students in this program may apply course work in a specialist program or a Master of Arts degree program toward completion of the clear teaching credential. The program may be completed on a part-time basis. Applicants are accepted during any quarter.

All persons considering application to the In-Service program must first have a credential consultation with the adviser for basic teaching credentials. Contact the Division of Counseling Psychology and Education, 213 Bannan Hall, to make this arrangement. There is a charge of \$35.00 for this service.

Candidates who are interested in working concurrently on their basic teaching credential and special education credentials should contact both the director of Teacher Education and the director of Special Education.

**Admission Requirements for Credential Programs**

Admission requirements for the credential program are as follows:

1. Applicants should have an overall grade point average of 2.75, with a 3.0 in their academic major;

2. Mental, emotional, and physical fitness;
3. A positive attitude toward the teaching profession and its responsibilities;
4. Demonstrated competence in reading, writing, and speaking English as attested to by course work, a recently written paper, or a recommendation from the applicant's major adviser;
5. Absence of criminal conviction that would preclude the issuance of a teaching credential;
6. Letters of recommendation from the following:
  - a. At least one professor from the student's major field, preferably the student's adviser
  - b. A teacher in elementary or secondary school who has supervised the student's practicum work (In-Service candidates who have had teaching experience must submit two letters from principals and/or supervisors)
  - c. An employer or professional colleague who is well acquainted with the student's skills in working with youth;
7. Verification of successful practicum work and/or experience with children or youth groups;
8. Interviews with both the director of Teacher Education and another faculty member;
9. A written statement, to be completed at the time of the interview, that reflects the candidate's personal philosophy of education and commitment to the teaching profession (In-Service candidates will additionally be asked to summarize their goals for continuing their professional education at Santa Clara University);
10. Submission of GRE or MAT scores and CBEST scores now required of applicants to teaching credential programs.

## SPECIAL EDUCATION PROGRAMS

Ruth E. Cook (*Director*)

The Special Education programs prepare graduate students to work in a variety of settings with individuals who exhibit learning problems. Instruction includes a sound introduction to theories of behavior and learning, methods of educational diagnosis, and implementation of remedial teaching techniques. Individual attention, as well as consideration of past experiences and/or prior course work, is given to each entering graduate student. The program includes the following three options:

### Master of Arts in Special Education Specialist in Learning Handicapped Credential

This program is composed of 45 quarter units of study in special education, other areas of education, and counseling psychology. Students selecting

this program must hold or be eligible for a valid California basic teaching credential. The program has been approved by the Commission for Teacher Credentialing; eligible graduates receive the learning handicapped specialist credential.

### **Requirements**

Education 230, 240, 241, 242, 247, 248, 309, 332, and 350  
Counseling Psychology 200, 212, 217, and 220

### **Master of Arts in Special Education**

This program is composed of ten core courses in special education and counseling. Five pertinent additional courses are selected in consultation with an adviser to complete the required 45 quarter units. Students who elect this course of study are pursuing careers concerned with exceptionality in a variety of occupational areas such as physical therapy, nursing, speech therapy, geriatric programs, or community college teaching.

### **Requirements**

Education 230, 240, 241, 242, 247, and 309  
Counseling Psychology 200, 217, and 220

### **Specialist in Learning Handicapped Credential**

This program is designed for those applicants who have completed course work elsewhere and need to have this work evaluated in terms of eligibility for the learning handicapped specialist credential.

### **Requirements**

Determined by evaluation and individual need

### **Courses for Special Education Programs**

Courses for all three Special Education programs are selected from the following:

Education 230, 240, 241, 242, 247, 248, 309, 332, and 350  
Counseling Psychology 200, 212, 217, and 220

*Students in all Special Education programs will be expected to demonstrate or achieve basic computer competency.*



## Clear Resource Specialist Certificate of Competence

This program is designed for current special education teachers who wish to obtain the Clear Resource Specialist Certificate of Competence. To be eligible to enter the program, an applicant must possess a valid California special education credential and be an experienced teacher.

### Requirements

Education 247, 305, 332, 349, and 351  
Counseling Psychology 217

## PUPIL PERSONNEL SERVICES PROGRAM

For information concerning the pupil personnel services credential program, refer to page 27.

## MASTER OF ARTS IN INTERDISCIPLINARY EDUCATION

Joyce E. King (*Director*)

The Master of Arts in Interdisciplinary Education is a 45-quarter-unit program designed specifically for teachers who wish to develop a wide range of competencies and experiences. This program focuses on three major areas: Special Education, Counseling Psychology, and Educational Administration. Students must complete three required courses from each of these areas and elect an additional 12 quarter units from these same concentrations. Students who have completed the fifth-year Teacher Education program at Santa Clara University may transfer 8 units of prior work (Education 249, 250, 251) into this master's program.

### Requirements

Special Education courses: Education 240, 241, and 242  
Counseling Psychology 200, 212, and 218  
Educational Administration courses: Education 360, 361, and 362

Twelve additional quarter units of elective course work approved by the program director must be selected from the graduate course offerings in Special Education, Counseling Psychology, and/or Educational Administration. With prior approval of the program director, a *required course* may be waived or replaced by another course in an area of concentration. Students should consult the program director to make such special arrangements.

## MASTER OF SCIENCE IN TEACHING MATHEMATICS

David E. Logothetti (*Director*)

### Prerequisites

Applicants to this program must have an undergraduate major in mathematics or a substantial minor (an elementary calculus sequence plus at least two upper-division mathematics courses).

### Requirements

**Mathematics:** 35 to 45 quarter units of approved upper-division or graduate Mathematics courses, including Problem Solving (172); Advanced Topics for Secondary Teachers (270, 271); and Master's Essay (290).

**Education:** Up to 10 quarter units may be substituted for mathematics units. These units must be approved and taken in graduate status.

## EDUCATIONAL ADMINISTRATION PROGRAM

Lee Mahon (*Director*)

The goal of the Educational Administration program is to develop and train future administrators to demonstrate excellence in leadership positions in the elementary, secondary, and post-secondary public and private schools of our nation. As school enrollments begin to grow and as present administrators retire or go on to other fields, a number of new administrators will be required. The University program is designed to provide the skills and people to meet the need.

### Master of Arts in Educational Administration Administrative Services Credential—Preliminary and Professional

The 45-quarter-unit program leading to the degree of Master of Arts in Educational Administration and an administrative services credential begins with three foundation core courses involving educational leadership, program improvement, and school management and expands to areas that include governance and politics, legal and financial aspects of administration, personnel practices, and school-community relations. Designed to provide sound theoretical as well as field-oriented experiences, the program places particular emphasis on instruction by practicing school administrators, including superintendents, principals, directors, deans, and other administrators. This concept of obtaining competencies and skills from those who are directly involved in school administration gives the program a uniqueness not often found at the graduate level.

Applicants who are directly involved in administrative work when they enter the program may be eligible for the Administrative Internship program, which permits candidates to earn units while working in an administrative capacity.

To fulfill new state regulations, candidates for an administrative services credential must complete two levels of training to receive a permanent administrative services credential. The first level is the academic level (preliminary credential) and requires completion of the academic requirements listed below. The second level (professional credential) is to be completed after the individual has received an administrative appointment. Colleges and/or universities may design a program of approximately 24 semester units (36 quarter units) that allows the administrative candidate to complete the professional requirements designed by the state of California. The University is presently developing this second level. Please contact the program director for further information.

### **Prerequisites**

In order to obtain the California administrative services credential, the candidate must (1) hold a valid teaching credential or pupil personnel credential; (2) demonstrate a minimum of three years of successful teaching or pupil personnel work; and (3) receive a passing score on the California Basic Educational Skills Test (CBEST).

### **Educational Administration in Higher Education**

A program can be designed for individuals interested in working in a university, four-year college, community college, or adult education setting. The program will examine basic aspects of college and university administration as well as organizational processes including leadership, personnel practices, law, finance, policy formation, and the political and contemporary issues involved in higher education. Contact the program director for further information.

### **Requirements for the Master of Arts Degree in Educational Administration**

Education 360, 361, 362, 363, 364, 365, 366, and 367  
Counseling Psychology 200, 220, and selected electives

### **Requirements for Preliminary Administrative Services Credential**

All of the above and 230 or 233, 367 or 368, and at least one of the following: Education 307, 370 or Counseling Psychology 200, 220



**Electives**

Electives include Education 310 (Independent Study), Private School Institutes, and approved courses in law, business, and/or computers.

## Course Descriptions

### COUNSELING PSYCHOLOGY

*Note:* Courses that are offered specifically for Education students are listed separately after the Counseling Psychology courses. Some of the courses are cross-referenced with Education.

#### **200. *Psychology of Interpersonal Communications***

The theory and process of interpersonal communication, with laboratory training in the skills of effective listening, sending and confrontation, group discussion techniques, problem solving, and conflict resolution. These skills are fundamental for more advanced counseling and therapeutic techniques and have a wide application wherever effective communication is desired. (3 units)

#### **211. *Human Sexuality***

Introduction to the physiological and psychosocial role development of human sexuality, along with sexual response and various forms of sexual expression. Laws and ethics regarding sexual expression; sexual dysfunctions and treatment based on the work of Masters, Johnson, and Kaplan. (3 units)

#### **212. *Psychology of Relationships***

Study of the dynamics of interpersonal relationships in the family, couples, and educational and work environments. Includes traditional and nontraditional relationships. (3 units)

#### **216. *Human Life Cycles and Transitions***

A developmental approach to the human life cycle from childhood through adulthood, with focus on significant

transitions and passages. Includes coping with change in the personal, social, and transpersonal domains and how it impacts human growth and development. *Prerequisite:* 200. (3 units)

#### **217. *Social Learning Theory***

Critical examination and evaluation of learning theories in educational and counseling psychology. Applications of reinforcement theory to behavioral control and analyses in the classroom, family, and marriage. (3 units)

#### **218. *Basic Concepts in Counseling***

A comprehensive review of fundamental concepts in counseling theory, psychopathology, and personality theory with special emphasis on family and relationship dynamics. Trait-factor, gestalt, psychoanalytic, cognitive, and perceptual-phenomenological theory and technique are explored. (3 units)

#### **219. *Psychology of Group Counseling***

Introduction to small-group dynamics. Techniques of small-group leadership and experiential involvement in group process. The phases of natural group development and ethical, professional leadership. *Enrollment limited. Prerequisites:* 200 and a pre-group experience; 218 recommended. (3 units)

**220. *Research Methods***

Fundamentals of research and statistics in analyzing counseling and education. Emphasis on the review and interpretation of research literature, particularly in the areas of child development and psychotherapy, techniques used with exceptionality, as well as marital and family therapy. Discussion of formulations of research proposals and theses. (3 units)

**226. *Principles and Procedures in Guidance***

Pupil personnel services, concepts, and procedures, such as staff roles and functions, community resources, professional ethics, and legal aspects of pupil personnel services. The use of data processing in education, particularly in pupil personnel services. *To be taken prior to 330. Prerequisite: 200.* (3 units)

**227. *Counseling Process and Problems***

Intensive focus on the development of individual counseling skills through readings, discussion, and experiential exercises. Students gain experience both as counselor and client and receive feedback on skill development. *Prerequisites: 200 and 218.* (3 units)

**231. *Psychology of Differences***

Study of the characteristics, research findings, service agencies, educational provisions, vocational implications, and personal and family adjustments of individuals reflective of the diversity in today's society. (3 units)

**266. *Counseling the Adolescent***

Viewing the adolescent from a developmental, sociological, and psychological dimension, with special emphasis on counseling strategies and action techniques appropriate to this critical transition age. *Prerequisite: 200.* (3 units)

**273. *Family as an Institution***

The sociology of the family, particularly family systems as they exist in the United States. The family cycle of growth and development, role concepts, need-

gratification within the family system, minority family systems, diverse family systems, one-parent families, differing kinship relationships, and the family as a legal-social system. (3 units)

**275. *Ethical and Legal Issues in Counseling***

Professional, legal, and ethical issues that emerge in marriage and family counseling, psychotherapy, and private practice are addressed through an understanding of values as a method of critical thinking and behavioral analysis. Students confront such issues as confidentiality, clients' rights, mediation, and child abuse. (3 units)

**276. *Multicultural Approaches to Counseling in the Family and Community***

Application of the theory and process of interpersonal communications in a multicultural setting. Students are required to demonstrate counseling competencies that reflect their knowledge of various cultures and their cultural sensitivity in family and community settings. *Prerequisite: 200 or equivalent.* (3 units)

**280. *Counseling the Elderly***

Mental health problems and issues that concern the elderly; the range and variety of physical, social, and medical settings in which the elderly must cope; and counseling techniques that seem best suited for working with an elderly population. Field experience and/or taped interviews with elderly "clients" are a required part of the course. (3 units)

**291. *Counseling the Terminally Ill and Family***

Overview of skills, strategies, and situations that will prepare students for working with patients and families facing life-threatening illness, as well as with clients dealing with loss, grief, and death anxiety, including specific counseling skills, grief, coping, and the philosophy and practice of hospice care. (3 units)



**292. Religion and Psychology**

The historical development of the relationship of religion to psychology. Development of the field of pastoral counseling. Study of recent integrative models of psychology and religion such as Fowler and Kelsey. Examination of the psychological dimensions of religious experience as it contributes to a holistic understanding of the human person. (3 units)

**293. Pastoral Ministry Seminar**

Required of all students in Pastoral Counseling. Class meets each week for an ecumenical prayer service (designed by the students) and twice a month for a seminar, for three consecutive quarters. Students register each quarter and must acquire a total of 6 units. The purpose of the seminar is the study and integration of theology and biblical studies with pastoral practice and tradition. Each student is required to be under spiritual guidance during this year. Students are assigned to a guide whom they normally see twice per month. Case material utilized in course 336 is often brought to this seminar for theological reflection. This course is preparation for the pastoral ministry project and is open to all counseling psychology students interested in spiritual development. (2 units)

**295. Studies in Practical Spirituality: Advanced Pastoral Studies**

In-depth study of selected classics from the Western spiritual tradition and their application to counseling and spiritual guidance. *Prerequisite:* 292. (3 units)

**296. Values and Consciousness**

An advanced course on value theory and the use of value-based instrumentation in psychological assessment. The use of value-based assessment tools in personnel relations and organizational development. *Prerequisite:* 275. (3 units)

**298. Psychology and Spirituality**

A comparative study of various themes and schools of spirituality, East and

West. In-depth exploration of the implications and relationship of these views to counseling psychology. The nature of the human person and criteria for assessing a person's spiritual-psychological health and growth; stages of development; teachings on how to guide or work with another; and views on such themes as authentic love, humility, guilt, and discernment. (3 units)

**300. Career Development and Life Planning**

Examination of life styles and methods for providing vocational and educational guidance across the age span. The relationship of career development theory to vocational counseling in various settings (schools, clinics, rehabilitation, etc.) and techniques for assisting the client in effective use of educational and occupational information in decision-making. (3 units)

**303. Rational Emotive Therapy**

The theory and applications of rational emotive therapy. Students learn through direct experience the application of this method. *Prerequisite:* 200. (3 units)

**305. Field Laboratory**

Field Laboratory (\$35 per unit) is outside training and experience related to the student's professional goals. A description of the training and permission from a faculty member must be obtained before registering for these units. Three quarter units are allowed. Students who enroll in the mandatory pre-group experience may register for 1 unit of 305. Approximately 40 hours of involvement are required for each unit of credit, i.e., 3 units equals 120 hours of work. (1-3 units)

**307. Measurement and Evaluation**

The theory and practice of standardized test development and testing procedures, applications and limitations of standardized tests, and techniques of administering and interpreting group tests. (3 units)

### **308. *Wilson Center Field Experience***

Weekly seminars for developing and practicing basic counseling skills, with video-tape feedback. On-site, one-way mirror observation of family and child counseling sessions, with professional staff discussing aspects of the counseling observed after each session. Excellent opportunity for students to become involved in counseling early in the program before taking practica. *Prerequisite: 200.* (3 units)

### **309.01. *Field Experience***

For those who wish to augment their graduate studies with specialized training and/or experience outside the University in their own field of study. The field experience project must have significant bearing on the professional goals of the student and must be in addition to the student's regular commitment. As a general rule, 20 hours of instruction or 40 hours of qualified experience are equivalent to 1 quarter unit of credit. *Prerequisite: permission of adviser.* (1-6 units)

### **310. *Independent Study***

Supervised research initiated by the student. *A proposal must be submitted and approved by a faculty adviser prior to registration.* (1-6 units)

### **311. *Psychology of Marriage Counseling***

Methods of premarital, marital, sexual, and divorce counseling. Role playing, extensive reading and writing requirements. *Prerequisites: 211 and 227.* (3 units)

### **312. *Counseling for Contemporary Problems***

Assessment, crisis intervention, and counseling methodology used in addressing the problem areas of child abuse, substance abuse and addiction, domestic violence, victims of violent crime, and suicide. Provides an overview

of the psychosocial factors and dynamics involved in the etiology and maintenance of these problems. Describes specific skills and interventions used in dealing with clients, their families, and involved community agencies and resources. (3 units)

### **313. *Psychodrama***

The theory of psychodrama applied to a variety of counseling situations. Spontaneity, role-reversal, doubling, sociograms. Students gain experience by participating in psychodrama. *Prerequisite: 200.* (3 units)

### **315. *Advanced Seminar in Family Counseling***

For students in the MFC program and others preparing for MFCC licensing. Examination in greater depth of the systems approaches presented in 212. Introduction to various strategies and procedures appropriate to working with families. Opportunity to practice counseling skills with simulated families. *Prerequisites: 212 and 227.* (3 units)

### **316. *Therapeutic Use of Imagery and Symbol***

Clinical training in the principles and practices of guided imagery used to access inner resources for insight, emotional and physical healing, and the higher realms of creativity. Emphasis is on the skill of guiding others and facilitating useful interpretations of the client's powerful imaginal world. *Prerequisite: 227.* (3 units)

### **317. *Therapeutic Interventions with Children***

Exploration of how children communicate and various methods of communicating with children, verbally and nonverbally. Examination of therapeutic interventions within the context of the relationship of the child and the therapist. Students are required to complete specific assignments demonstrating therapeutic interventions. (3 units)



**318. Clinical Assessment I**

Study of the therapeutic decision-making process in the context of psychopathology and the clinical setting, emphasizing the recognition, classification, and understanding of abnormal behavior. Traditional DSM III diagnostic areas of neurotic behavior, psychosis, affective disorders, psychophysiological disorders, and other abnormal life-style patterns.

*Prerequisite:* 218. (3 units)

**319. Clinical Assessment II**

Continuation of 318. Emphasis on diagnosis and clinical judgment, including such issues as type of impairment, degree of impairment, predictability, and treatment plan as well as sources of error judgment and how these errors are minimized. Designed to acquaint counselors with the use of individual, couple, and family assessment techniques, projective tests, personality inventories, and other instruments in a professional setting.

*Prerequisite:* 318. (3 units)

**330. Counseling Practicum: In School**

Supervised field experiences in educational, vocational, and personal guidance, stressing the use of counseling procedures for the age level at which the student is preparing to counsel. *Two consecutive quarter terms are required. Prerequisite:* 226. *By permission only.* (3 units)

**331. Counseling Practicum: Agency**

Field experience. Supervised counseling experiences in community services such as juvenile probation, mental health, community colleges, etc. Designed to be taken in the second half of the counseling program, after completion of the counseling core. Weekly seminars for consultation and discussion with a licensed supervisor of such topics as case management and evaluation, referral procedures, ethical practices, professional and client interaction, confidential communication, and interprofessional ethical considerations. *By permission only.* (3 units)

**333. Counseling Practicum:*****Marriage, Family, and Child***

Supervised field experience designed specifically to meet California MFCC licensing requirements. Weekly seminars for consultation and discussion with a licensed supervisor of such topics as case management and evaluation, referral procedures, ethical practices, professional and client interaction, confidential communication, and interprofessional ethical considerations. *Prerequisites:* 311, 315, 318, 319, and permission of instructor. (3 units per quarter; 9 units required)

**336. Pastoral Practicum**

Students are assigned to a practicum intern site, where they are required to do no less than 10 hours per week of counseling-related work. Students also meet twice a month for two interdisciplinary case seminars in a local pastoral counseling agency and receive personal supervision of their counseling. Students enroll for three consecutive quarters, beginning in September of each year and must acquire a total of 9 units. Open to all counseling psychology students. *Prerequisites:* 200 and 218. (3 units)

**380. Behavioral Management of Health**

A biopsychosocial approach to health problems, including cancer, heart disease, eating and sleep disorders, pain and headaches, and obesity. Psychosocial factors in the etiology and maintenance of these health problems, health psychology assessment techniques, staff and patient support group development and facilitation as well as psychosocial treatment and prevention programs. Each student develops special expertise in one of these or other health problems. (3 units)

**381. Promotive Health Psychology Practices**

Introduction to health psychology theory, research and practice related to promotive health practices. Patient education, social support, holistic medical and



self-care interventions, healthy and unhealthy life styles, nutrition, prevention, health locus of control, and health promotion in the workplace. (3 units)

### **382. *Intercultural Health Psychology***

Investigation of current and historical health models to assist the practitioner in relating to clients of different cultural backgrounds with their unique concepts of health, healing, and illness. The contributions of Asian, African, Latin American, and Native American traditions, as well as Western European traditions. (3 units)

### **384. *Alcohol Problems in Perspective***

An orientation to the biological, psychological, and sociocultural issues surrounding cause, process, and nature of alcohol problems. Theories of the definition and etiology of chronic alcoholism; relationships between the individual, the family, and the social environment in the formation of drinking patterns and problems; the meaning of alcoholism as it is experienced differently among women and men, in the family context, and in ethnic or minority problems; and current approaches to alcohol treatment and prevention. (3 units)

### **385. *Stress and Stress Management***

Introduction to conceptual models of chronic stress in home, work, and community environments. Particular attention to methods and programs to assess as well as alter chronic stress. Emphasis on psychosocial factors in the etiology, maintenance, and modification of stress, along with biochemical/psychological processes. Intervention methods are demonstrated and practiced. (3 units)

### **386. *Health Psychology Practicum***

Field experience in health psychology. Students are assigned to a practicum intern site where they are required to do no less than 10 hours per week of health

psychology-related work. *By permission only.* (3 units)

### **389. *Advanced Group Counseling***

For students who have completed course 219 and wish advanced training in group-leadership procedures. Focus on practices of group therapy and on the complexities of the transference/countertransference of issues in groups. Both practical and academic approaches are taken; each student applies classroom learning to an ongoing group process situation. Extensive use of videotape, role playing, and hands-on practice. Recommended for students who expect to do group counseling and therapy in their post-master's employment. (3 units)

### **390. *Advanced Seminar in Couples Therapy***

Specifically designed to help students conceptualize and plan treatment for couples from a variety of theoretical perspectives. Stress on issues of co-therapy, structured and unstructured interviewing, transference and countertransference, and family of origin. Numerous demonstrations of clinical material. Class participation in problem-solving couples' difficulties. Examination of divorce issues and alternative life styles. *Prerequisite:* 311. (3 units)

### **391. *Hypnotic Techniques in Counseling and Therapy***

Introduction to hypnotherapeutic techniques in the therapy context. Students learn to induce trance states and the appropriate application of these for therapeutic purposes. Stress on ethical utilization. Exploration of both traditional and indirect hypnosis. A clinically oriented course; research and literature are used to support the clinical application of hypnosis for such issues as pain control, memory retrieval, anesthesia, habit control, and direct therapy. *Approved by the Board of Behavioral Science Examiners for MFCC practice. Prerequisite:* 200. (4 units)

**392. *Applied Psychodynamics***

Application of psychoanalytic concepts of projection, resistance, reaction-formation, unconscious motivation, the shadow, persona, etc., to situations within and outside the traditional clinical milieu. Selected topics on folklore, fairy tales, advertising, nuclear anxiety, and symbolic interpretation are featured. Dream theory and training in dream work are included as an experiential component. *Prerequisite: 218.* (3 units)

**393. *Counseling Psychology Applied to Business and Industry***

Overview of how to adapt counseling psychology attitudes and skills to the corporate milieu. Focus on corporate culture, management, training, employee relations, and trends toward humanizing

business and industry. *Prerequisite: 200.* (3 units)

**399. *Thesis***

Optional course; usually selected by candidates preparing for doctoral studies. The thesis should concern a recognized problem in the student's field of specialization, should make a scholarly contribution to the extant body of knowledge in this area, and should review the principal sources of knowledge. Format should follow that established by the American Psychological Association. Supervision and review of the thesis provided by faculty member(s) designated by the dean of the Division of Counseling Psychology and Education. (3-6 units)

## EDUCATION

**217. *Social Learning Theory***

Critical examination and evaluation of learning theories in educational and counseling psychology. Applications of reinforcement theory to behavioral control and analyses in the classroom, family, and marriage. (3 units)

**220. *Research Methods***

Fundamentals of research and statistics in analyzing counseling and education. Emphasis on the review and interpretation of research literature, particularly in the areas of child development and psychotherapy, techniques used with exceptionality, as well as marital and family therapy. Discussion of formulations of research proposals and theses. (3 units)

**230. *Survey and Guidance of Exceptional Individuals***

Acquaints practitioners with characteristics, research findings, service agencies, educational provisions, vocational implications, and personal and family adjustment in reference to exceptional individuals (those who deviate noticeably

from physical, sensory, intellectual, or behavioral norms). (3 units)

**233. *Administrative and Counseling Aspects of Special Education***

Exploration of legal, financial, and ethical basis of educating the handicapped from the viewpoint of administrators and counselors. Decision-making, placement alternatives, staff selection and training, record keeping, program evaluation, coordination of community resources, requisites for effective mainstreaming and use of paraprofessionals, consideration of parental rights and needs. (3 units)

**240. *Introduction to Learning Handicapped***

Investigation of the field of learning handicapped in terms of function and dysfunction of the information-processing system for learning. Theories and practices that have influenced the field.



Examination of observable characteristics and indicators of system dysfunction. Lectures and observation/participation. (3 units).

**241. *Diagnosis and Prescription for Learning Handicapped***

Designed to build competence in the educator as a consumer of clinical information. Students administer and interpret educational assessment instruments and learn how to synthesize their results with existing clinical information to build a clear behavioral picture of learning function and dysfunction in the learning handicapped individual. *Prerequisite: 240 or equivalent.* (3 units)

**242. *Intervention and Remediation for Learning Handicapped***

Translation of relevant information into effective education programs for students with learning handicaps. Remedial methods and materials. Lectures and practical application. *Prerequisite: 241 or equivalent.* (3 units)

**247. *Systems for the Nonconventional Learner***

Exploration of policy and procedure pertinent to the special education system in terms of standardized assessment, management, finance. Laws, regulations, and other compliance requirements as they relate to nonconventional learners. Lectures and group discussions. (3 units)

**248. *Language: Structure and Function***

Terminology, historical background, acquisition, etiology, and problems related to language disabilities in children. Specific attention to language assessment and intervention for the learning disabled student. (3 units)

**249. *Interpersonal/Cross-cultural Communication***

Focus on building effective interpersonal and cross-cultural communication skills and the application of these to teaching. *Required of all Pre-Service Teacher Education students.* (2 units)

**250. *Social Foundations in Education***

Examination of the philosophical and social bases of education and value questions that relate to psychology and curriculum. Designed to develop a carefully considered philosophy of teaching and learning. *Required of all Pre-Service Teacher Education students.* (3 units)

**251. *Psychological Foundations of Education***

Examination based on the disciplines of developmental and educational psychology of theories and patterns of learning, development, instruction, and individual differences as they relate to teacher practices and educational programs. *Required of all Pre-Service Teacher Education students.* (3 units)

**252. *Curriculum Foundations and Methods***

Focus on curriculum design, implementation, and evaluation at the elementary and secondary levels. Students develop curricula appropriate for their directed teaching assignment using a diagnostic-prescriptive approach. *Required of all Pre-Service Teacher Education students.* (7 units)

**283. *Reading in the Secondary Schools***

Examination of various facets of the teaching of reading in the junior and senior high schools. Representative approaches, methods, and materials to be employed when teaching reading skills relevant to the grade levels. Emphasis on diagnostic-prescriptive teaching of reading. (3 units)

**284. *Reading in the Elementary Schools***

The many aspects of the teaching of reading in the elementary schools, including an examination and critique of the more notable reading approaches, methods, and materials. Emphasis on diagnostic-prescriptive teaching of reading. (3 units)



**285. *Children's Literature***

Exploration of literature written for children: history and development of literature for children—authors, illustrators, and various genres; investigation of strategies for teaching literature as part of the English program; use of varied media and methods of presentation. (3 units)

**286. *Adolescent Literature***

Emphasis on types of literature, analysis of literary qualities, selection and presentation of literature to adolescents, and issues relating to adolescent development. Designed for junior high and senior high teachers of all subject areas. (3 units)

**305. *Field Laboratory: Resource Specialist Program***

Supervised field work under the direction of a certified resource specialist. Focus on demonstration of the skills and knowledge necessary to function effectively in the resource specialist roles of consulting, coordination, parent education, staff development, in-service training. Implementation of laws, regulations, and other compliance requirements. *Prerequisite: acceptance into the Resource Specialist Certificate program.* (3–6 units; \$35 per unit)

**307. *Measurement and Evaluation***

Theory and practice of standardized test development and testing procedures, the applications and limitations of standardized tests, and techniques of administering and interpreting group tests. Primary focus on school-related assessment. (3 units)

**309.01. *Field Experience***

For those who wish to augment their graduate studies with specialized training and/or experience outside the University in their own field of study. The field experience project must have significant bearing on the professional goals of the student and must be in addition to the student's regular commitment. As a general rule, 20 hours of instruction or 40 hours of qualified experience are

equivalent to 1 quarter unit of credit. *Adviser's permission is required prior to registration.* (1–6 units)

**309.02. *Field Experience with Exceptional Individuals***

For those seeking the specialist credential and/or master's degree in the area of learning handicaps. The field experience project must be in addition to the student's regular commitment and must have a significant bearing on the student's training. As a general rule, 40 hours of qualified experience are equivalent to 1 unit of credit. *Adviser's permission is required prior to registration.* (1–6 units)

**310. *Independent Study***

Supervised research initiated by the student. *A proposal must be submitted and approved by a faculty adviser prior to registration.* (1–6 units)

**320. *Directed Teaching I***

First in a sequence of three field experience courses. Designed to introduce the teacher credential candidate to curriculum and instruction in the public schools at all levels. Morning practica are combined with weekly seminars in which students have an opportunity to discuss problems and issues in public education. *Prerequisite: admission to the Teacher Education program.* (4 units)

**321. *Directed Teaching II***

Second course in the directed teaching sequence. Teacher credential candidates engage in teaching under the supervision of an experienced resident teacher in the public schools. Students are assigned to specific teaching positions in the morning and take course work in the afternoon, thereby facilitating the interrelating of theory and practice. *Prerequisite: 320.* (5 units)

**322. *Directed Teaching III***

Last course in the directed teaching sequence. Designed to offer a full-time student teaching experience. *Prerequisite: 321.* (12 units)

**323. *Directed Teaching: Teaching Students with Special Needs in the Regular Classroom***

Designed to give prospective teachers in elementary and secondary schools training in the theory and practice of teaching students with special needs. Focus on mainstreaming. A concurrent field experience is required. (3 units)

**324. *Directed Teaching for In-Service Teacher Education Students***

Designed for students in the In-Service program who are completing their directed teaching requirement. Supervised student teaching and a weekly seminar. (6–12 units)

**332. *Practicum: Learning Disabilities***

Supervised field experience in diagnosing and teaching students with learning handicaps. *Enrollment is limited and permission to enroll must be obtained well in advance of registration.* (1–6 units)

**343. *Computer Competencies for Educators***

Survey course designed to give educators a general overview of microcomputers and applications programs. Topics include general operations, word processing spreadsheets, data-base management, personal filing system, graphic and computer programming, evaluation of software, and direct applications to the classroom. Attendance is essential and opportunities for laboratory practice will be provided. (3 units)

**349. *Role and Competencies of the Resource Specialist I***

Focus on the role of the special educator as a resource specialist involved in consulting, staff development, in-service training, and parent education. Lectures, demonstrations, and discussions emphasizing practical skills and knowledge. *Prerequisites: 217, 247, and 332.* (3 units)

**350. *Diagnostic Techniques in Reading***

Examination of reading in terms of information processing and its pertinent psycholinguistic components. Exploration of diagnostic procedures used to assess reading ability and of appropriate remedial techniques. Lectures and application. (3 units)

**351. *Role and Competencies of the Resource Specialist II***

The role of the special educator as a resource specialist involved in coordination, parent education. Implementation of laws, regulations, and other compliance requirements. Lectures, demonstrations, and discussions emphasizing practical skills and knowledge. *Prerequisites: 217, 247, and 332.* (3 units)

**360. *Educational Foundations of Administration: Educational Leadership***

Concepts of leadership; understanding of self, including self-evaluation procedures; fundamentals of human relations and professional ethics; group processes; decision-making processes and techniques; school climate; change-agent role; planning model concepts. (5 units)

**361. *Educational Foundations of Administration: Educational Program Improvement***

Movements in American curriculum and instruction; principles of human growth and development; role of staff, parents, pupils, and community in curriculum development; supervision and evaluation of curriculum; implementing mandated and special programs; concepts of staff development and student personnel services. (5 units)

**362. *Educational Foundations of Administration: School Management***

Unit decision-making and problem solving; goals, priorities, policies, and



practices; utilization of resources; research in school management; management of office, plant, and ancillary services; communication modes, policies, and effects; application of computers and other technology; conflict resolution; stress management. (5 units)

### **363. *Educational Governance and Politics***

Concepts of authority, power, and influence; organizational development; governing roles of federal, state, and local agencies; functions of school boards and district administration; district and site council functions; professional organizations and union roles; emerging social groups; political processes. (3 units)

### **364. *Educational Legislation and Finance***

Legal framework of American education; significant laws; state codes, regulations, and course decisions; implementing local district policies and regulations; current sources and types of funding; implications of personnel contracts; financing public and private schools; funding and budgets; negotiations and collective bargaining. (3 units)

### **365. *Personnel Management***

Fundamentals of affirmative action, recruitment, selection, assignment, and dismissal of staff; principles for supervision and evaluation of staff; personnel relations; grievance procedures; civil rights legislation; concepts and principles of personnel practices; classification; monitoring of personnel policies. (3 units)

### **366. *School Community Relations***

Role of school, public, and community in education; working with power structures and other influence groups; techniques for working with community agencies, advisory councils, and other governing bodies; relationship with ethnic, racial, and other minority groups; relationship with private sector organizations. (3 units)

### **367. *Administrative Practicum***

Supervised field experiences in applying the techniques of school administration; demonstration of competencies; effective program design and implementation. (3–6 units)

### **368. *Administrative Internship***

On-the-job administrative and supervisory experiences; application of skills; demonstration of administrative techniques and learned competencies; field experiences. (4–12 units)

### **370. *Contemporary Issues in Education***

Examination and analysis of controversy in the field of education; theory and practice in ethical decision-making and value clarification; critical thinking; conflict resolution; living in a pluralistic society; human rights; cultural patterns. Involves analysis of differing viewpoints in contemporary issues; uses case study methodology. (3 units)

### **371. *Educational Foundations of Administration: Higher Education Administration***

Examination of the basic aspects of college and university administration; role of trustees; institutional governance; organizational processes; models of institutional organization; legal aspects; development; research; personnel practices; tenure. (3 units)

### **374. *Current Issues in Educational Administration***

Seminar devoted to relevant social, political, and educational issues in school administration. Current movements and strategies. (3 units)

### **399. *Thesis***

Optional course; usually selected by candidates preparing for doctoral studies. The thesis should concern a recognized problem in the student's field of specialization. It should make a scholarly contribution to the extant body of knowledge in this area and review the principal sources of knowledge. Format should



follow that established by the American Psychological Association. Supervision and review of the thesis provided by

faculty member(s) designated by the dean of the Division of Counseling Psychology and Education. (3–6 units)

### MATHEMATICS\*

#### 101. *A Survey of Geometry*

Topics from projective, advanced Euclidean, and non-Euclidean geometries. (5 units)

#### 102. *Advanced Calculus I*

Vector calculus, functions of several variables, elliptic integrals, line integrals, uniform convergence, Stoke's theorem, and the divergence theorem. (5 units)

#### 105. *Theory of Functions of a Complex Variable*

Analytic functions, Cauchy integral theorems, power series, conformal mapping, and Riemann surfaces. (5 units)

#### 111. *Abstract Algebra I*

Topics from the theory of groups. *Prerequisites: Math 52 and 53 or equivalents.* (5 units)

#### 112. *Abstract Algebra II*

Rings and ideals, algebraic extensions of fields, and the Galois theory. *Prerequisite: Math 111.* (5 units)

#### 113. *Topology*

Pertinent set theory. Topological spaces, continuous functions, product spaces. Separability and compactness. Metric spaces and metric topologies. (5 units)

#### 122. *Probability and Statistics I*

Kolmogorov's axioms; conditional probability; random variables; discrete and continuous probability distributions; expectation; moment-generating functions; weak law of large numbers; central limit theorem. *Prerequisite: Math 21.* (5 units)

#### 123. *Probability and Statistics II*

Estimation and hypothesis testing. Maximum likelihood estimation, likelihood ratio tests, and sampling from the normal distribution. Applications. *Prerequisite: Math 122.* (5 units)

#### 133. *Logic and Foundations*

Deductive theories. Theories and models. Consistency, completeness, decidability. Theory of models. Cardinality of models. Some related topics of metamathematics and foundations. *Prerequisite: Math 32 or equivalent.* (5 units)

#### 134. *Set Theory*

Naive set theory. Cardinal and ordinal arithmetic. Axiom of choice and continuum hypothesis. Axiomatic set theory. (5 units)

#### 144. *Partial Differential Equations*

Special topics in higher mathematics useful in applications to the physical sciences, such as special functions of mathematical physics. Fourier series, partial differential equations, and boundary value problems. (5 units)

#### 153. *Intermediate Analysis I*

Rigorous investigation of the real number system. Concepts of limit, continuity, differentiability of functions of one real variable, and theorems of differential and integral calculus. *Prerequisite: Math 102.* (5 units)

#### 154. *Intermediate Analysis II*

Continuation of Math 153. (5 units)

\*Some upper-division courses, e.g., 101, 111, 112, 113, 133, 134, 144, 153, 154, 155, 164, 165, 167, 168, 169, 172, 174, 175, and 177, are offered only in alternate years.

**155. Ordinary Differential Equations**

Existence and nature of solutions, oscillation theory, orthogonal functions, and partial differential equations. *Prerequisite: Math 102.* (5 units)

**161. Automata Theory**

Mathematical preliminaries. Formal systems; tabular and graphical representation of automata, deterministic and nondeterministic finite automata; conversion. Parallel and serial decomposition. Turing machines and the halting problem. Finite transducers, acceptors, and generators. Theory of translations. *Prerequisites: EECS 15 and Math 52 and 61 or equivalent.* (5 units)

**162. Formal Languages**

Formal grammars: definitions and classifications. Classes of languages. Normal forms. Grammars as language generators and recognizers. Finite state machines. Pushdown automata. Unsolvability; the post-correspondence problem; Kleene hierarchy. LL and LR grammars; applications to recognition of context-free languages. *Prerequisite: Math 161.* (5 units)

**163. Theory of Algorithms**

Preliminaries: measuring work done by algorithms. Nonnumerical algorithms: searching, sorting, graph spanning and traversal, string matching. Numerical topics: polynomial and matrix arithmetic. P and NP completeness. *Prerequisites: Math 51 or 52, and 61 or equivalent.* (5 units)

**164. Computer Simulation**

Techniques for generation of probability distributions, computer models of queueing in inventory and scheduling. Simulation of economic systems. Monte-Carlo methods for physical systems. NCX\* (5 units)

**165. Linear Programming**

Algebraic background. Transportation problems. General simplex methods. Linear programming and theory of games. Numerical methods. (5 units)

**166. Numerical Analysis**

Numerical algorithms and techniques for solving mathematical problems. Linear systems, integration, approximation of functions, solution of nonlinear equations. Analysis of errors involved in the various methods. Direct methods and iterative methods. (The ability to program in some scientific language is assumed.) (5 units)

**167. Switching Theory and Boolean Algebra**

Switching algebra and Boolean algebra. Minimization via Karnaugh maps and Quine-McCluskey, state compatibility and equivalence. Machine minimization. Faults. State identification, finite memory, definiteness, information losslessness. (5 units)

**168. Computer Graphics**

Systematic and comprehensive overview of interactive computer graphics. Mathematical techniques for picture transformations and curve and surface approximations. (5 units)

**170. Development of Mathematics**

A selection of mathematical concepts with their historical context. (5 units)

**172. Problem Solving**

Use of induction, analogy, and other techniques in solving mathematical problems. (5 units)

**174. Differential Geometry**

Introduction to curves and surfaces. Differential forms. Frenet formulas, frame fields, and differentiation on surfaces. *Prerequisite: Math 53.* (5 units)

**175. *Theory of Numbers***

Fundamental theorems of divisibility, primes, congruences. Number theoretic functions. Diophantine equations. Quadratic residues. Partitions. (5 units)

**176. *Combinatorics***

Permutations and combinations, generating functions, recursion relations, and a selection of topics from combinatorial geometry, graph enumeration, and Polya counting theorem. (5 units)

**177. *Graph Theory***

Selected topics from planarity, connectedness, trees (enumeration), diagraphs, graph algorithms, and networks. (5 units)

**270. *Advanced Topics for  
Secondary School Teachers I***

Special topics in geometry, topology, combinatorial mathematics, algebra, and number theory for secondary school teachers of mathematics. (5 units)

**271. *Advanced Topics for  
Secondary School Teachers II***

Continuation of Math 270. (5 units)

**290. *Master's Essay***

The goal of the MSTM essay is to develop an original contribution to the field of mathematics teaching. The topic must be appropriate to the secondary curriculum and developed with mathematical skill and precision. May be taken twice for credit. (1–5 units)

**299. *Directed Reading/Directed  
Research***

Reading and investigation under the direction of a staff member. This course can be used only to extend, not to duplicate, the content of other courses. May be repeated several times for credit, provided the subject matter changes from time to time. (1–5 units)



# 8

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## University Religious, Social, and Cultural Life

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### CAMPUS MINISTRY

Campus Ministry functions as a leaven within the University community so that the Living God may be magnified in all people: students, staff, faculty, and alumni. In keeping with the Jesuit tradition of developing the person, and with the ideal that all of us be people for others, Campus Ministry seeks to facilitate growth in individuals and the community by its presence, programs, and services.

The Campus Ministry staff reflects the reality of the Church today: a team of lay women and men, women religious, and clergy, who encourage all members of this community to deepen their religious commitment in "the service of faith, of which the promotion of justice is an absolute requirement" (Decree 4, 32nd General Congregation of the Society of Jesus).

To attain this vision, Campus Ministry offers the University community a variety of programs: liturgies and other sacramental celebrations, retreats, counseling and spiritual direction, educational forums, interfaith sharing, and Bible studies. We collaborate with all segments of the community in the planning and carrying-out of our programs.

In all of this, Campus Ministry is guided by the words of the prophet Micah: "This is what the Lord asks of you, only this: to act justly, to love tenderly, and to walk humbly with your God."

### STUDENT LIFE

Participation in extracurricular activities is encouraged as part of the total development of the Santa Clara student. The primary educational objective in supporting student activities and organizations is to foster a community that is enriched by men and women of diverse backgrounds and wherein freedom of inquiry and expression enjoy the highest priority.

The following sections describe various aspects of student life and services. More detailed information is provided in the *Student Handbook*, which may be obtained by writing to the Office of the Dean of Students.

## Athletics

The University maintains a well-balanced program of intercollegiate, instructional, and intramural athletics.

Intercollegiate competition for men is conducted in football, basketball, baseball, tennis, water polo, golf, soccer, crew, bowling, cross-country, volleyball, lacrosse, and rugby. Intercollegiate competition for women is conducted in volleyball, basketball, softball, tennis, cross-country, soccer, and crew. All of these sports compete against opponents of recognized national standing.

The University is a member of the National Collegiate Athletic Association, West Coast Athletic Conference, Western Football Conference, and Pacific Soccer Conference.

## STUDENT ACTIVITIES

The Student Activities Office in Benson Memorial Center is available to assist students in maximizing their educational opportunities outside the classroom and to promote the value of community service for all student organizations. The office staff function as advisers to Associated Students, including the Executive Board, Student Senate, Board of Constitutional Review, and Social Presentations. They also advise the Benson Center Program Board, Santa Clara Community Action Program, and Special Olympics Committees.

This office also administers the University recognition procedure for all student clubs and organizations. Students interested in joining a student organization or forming a new club or organization are encouraged to come by the Student Activities Office for more information.

A number of leadership workshops for student organization leaders are offered throughout the year. Workshops cover such topics as membership recruitment and retention, planning effective meetings, leadership transition, publicity, fund raising, program planning, organizational finances, and program evaluation.

Students who desire to participate in a leadership workshop or need advice on any matter relating to a student organization should contact the staff in the Student Activities Office for assistance.

## Student Organizations

Students can become involved in a number of the more than 70 academic, recreational, religious, social, ethnic, and political organizations active on campus. Information on how to join or form an organization is available in the Student Activities Office.

***Santa Clara Community Action Program*** The Santa Clara Community Action Program (SCCAP) is a student volunteer organization founded in 1966. The volunteer opportunities that it offers in schools, hospitals, special

educational centers, and the local jail system provide experiences in education, law, medicine, psychology, religious studies, and sociology. This exposure is not only useful in making wise career decisions, but important in the sharing of moral values.

**Debate** Santa Clara has traditionally had one of the strongest intercollegiate debate teams in the western United States. The team participates in approximately ten tournaments annually, including several out-of-state invitationals.

The program is open to participation by all students, and some scholarships are available to those with previous experience in national contests. For information regarding these scholarships, contact the Financial Aid Office.

**Graduate Student Advisory Board** The purpose of the Graduate Student Advisory Board (GSAB) is to provide a forum where all interested students can increase their involvement with the University, the Division and fellow students. The goal of the organization is to support graduate students in their needs and growth, by acting as a liaison between students and the faculty/administration.

**KSCU-FM Radio** KSCU-FM is managed and operated solely by Santa Clara students. It is designed to train students in broadcasting skills and to provide the University community with music, news, sports, and public service information.

**The Owl** *The Owl*, founded in 1869, is the University's literary magazine and the oldest college publication in the West. It invites authors from every academic area to present their works for publication. Published twice a year, the magazine includes essays, journalistic pieces, short stories, poetry, and reviews.

**The Redwood** Having recently published its eighty-second edition, *The Redwood*, the University's student-produced yearbook, continues to record the annual story of the University. Over the years, *The Redwood* has earned a reputation for trendsetting and creativity in text, photography, layout, and graphic design.

**The Santa Clara** As the weekly campus newspaper, *The Santa Clara* reports on current events, sports, entertainment, and people. Outstanding coverage and design recently earned *The Santa Clara* an award that placed it in the top sixth of the country's university papers. All students, both undergraduate and graduate, are welcome to join the staff of nearly 75 students who work in reporting, photography, graphic design, typesetting, advertising, and layout.



## STUDENT RESOURCES AND SERVICES

Listed below are the many service centers established to meet the needs of students. Each center provides a variety of programs to encourage personal growth.

### Career Development and Placement Center

The Career Development and Placement Center provides a variety of services to assist students in clarifying, planning, and achieving their career goals.

A professional staff of counselors offers career counseling to individuals and groups. Workshops are held regularly on career planning, which includes self-assessment, resume writing, interviewing, and job search strategies. Programs have been developed that bring professionals from various fields to present information about career opportunities. A special program of informational interviewing links students with alumni in a variety of fields.

The Career Development and Placement Center maintains strong contacts with employers. Information on internships and cooperative education is available, as well as listings on full-time, part-time, summer, temporary, and work-study jobs. Over 250 local, national, and international employers recruit on campus to fill employment needs and job career fairs attract many employers to the campus. An extensive file is maintained with names of contacts at employer organizations.

### Counseling Services and Programs

Counseling Services and Programs, located on the second floor of Benson Memorial Center, offers free professional counseling to all undergraduate and graduate students. Confidential psychological counseling in a supportive atmosphere is designed to help students attain greater self-understanding and become more personally effective. Some of the concerns that students discuss with counselors include stress, depression, sexuality, individual identity, and family, friendship, and love relationships. The special issues of minority and international students are recognized. In addition to individual, couples, and family counseling, small groups and workshops related to topics of general interest are frequently offered. Consultation and referral for faculty and staff and training opportunities for graduate students in counseling are also available.

Students in crisis or with urgent needs can be seen immediately on a walk-in basis, and regular appointments through the receptionist can usually be made within one week by calling 554-4172. Counseling hours are Monday through Friday, 8:00 a.m. to 5:00 p.m. and evenings by appointment.

### Student Health Center

Student health services are located in the Cowell Building on campus and are under the supervision of the University physician.

Students may see the physician by appointment or for emergency drop-in services 9:00 a.m. to noon and 2:00 p.m. to 5:00 p.m. weekdays while the University is in session. Nurses are available 24 hours per day every day. There are infirmary beds for those too ill for dormitory or apartment living but not sick enough to need hospitalization.

All full-time undergraduate students and full-time law students are eligible for medical care at the center at no charge as health service fees are part of their regular University fees. Graduate students and part-time undergraduate students, on payment of a minimal health service fee per quarter, are also eligible for medical care. With the exception of repayment for drugs and laboratory work, no fee is charged to students using the service. Extra insurance coverage for outside care or other special needs is available and recommended for all students. Inquire at the Student Health Center for information or call 554-4501.

All full-time undergraduate and law students are required to have a pre-entrance health examination by their personal physician, as are graduate or part-time undergraduate students who choose Health Center service by paying the health service fee.

## Student Resource Center

The Student Resource Center provides services to help specific student populations achieve a successful and satisfying experience at Santa Clara University. The center also strives to increase the cultural awareness of the University community. Additional services provided in the center include interviews for students considering withdrawal from the University and coordination of the Multicultural Center. The following services are housed within the Student Resource Center:

***Black Student Resources*** Black Student Resources addresses the various needs of black students and promotes understanding and cooperation among members of the University community. The office coordinates peer group support, plans cultural programs, and provides other services to assist black students attending Santa Clara University. The office also acts as liaison between the University and the black communities of Santa Clara and San Jose and serves as sponsor of the black student organization *Igwebuike* to promote mutual interests.

***Chicano Student Resources*** Chicano Student Resources provides support and assistance to students who identify themselves as Chicanos or Latinos. The office offers cultural programs, learning assistance, and community outreach programs. Many activities are sponsored in conjunction with MEChA–El Frente, the Chicano student organization.

***Disabled Student Resources*** Disabled Student Resources assists disabled students with effective participation in all aspects of campus life. The office works with the Affirmative Action Office to assure disabled students of the support services necessary to meet educational goals, serves as liaison between



students and community rehabilitation agencies, and promotes campus and program access for all students.

***International Student Resources*** International Student Resources provides services to help international students adjust to the United States and the University. These services include orientation, special events and speakers, activities with the International Club, and programs such as International Friends, Hospitality, and English Conversation Partners.

***Off-Campus Student Resources*** Off-Campus Student Resources assists the commuter student in taking advantage of University student support services and resources. Additionally, the office facilitates interaction between on-campus and off-campus students to encourage more involvement and a sense of community for students not living on campus.

***Women Student Resources*** Women Student Resources provides a place where the women of the University can find support, information about women's issues, and community referrals. The office is open to all students, as well as to faculty and staff. Beyond offering support to individuals, the office sponsors various programs ranging from special speakers and workshops to social events for re-entry, graduate, and undergraduate students.

## Teaching and Learning Center

As of Fall 1987 the tutoring functions described below, which were formerly housed in the Student Resource Center, will be added to the functions of the Teaching and Learning Center.

The Teaching and Learning Center, located in the rear of the Varsi Building, assists juniors, seniors, and graduate students who plan to enter graduate or professional studies select a school and secure financial aid. It offers counseling, conducts workshops on writing statements of purpose, maintains a collection of directories and more than 800 catalogs, and arranges campus interviews with various graduate school representatives from California schools as well as those from other states.

For national and international competitions for scholarships in which candidates must be officially nominated or endorsed by the University, the director of the Teaching and Learning Center, together with several members of the faculty, selects the nominees and arranges the endoresements. This office does not award fellowships, scholarships, or other financial assistance for study at Santa Clara or elsewhere. The center also offers support for faculty through faculty development programs such as workshops on teaching and confidential individual evaluations of teaching.

Training in study skills, including coping with test anxiety, is available through workshops or individually. Academic Improvement Groups (AIGs) meet every term to improve general academic adjustment and to help students with time management, study reading, notetaking, and other study skills. Test 'n Tension (TNT) groups help students prepare for and improve



performance on different types of exams. For students who want to work on their own, there are self-paced instructional programs in comprehension, grammar, memory, spelling, notetaking, and other study skills. A limited number of opportunities are available for graduate students who wish to work as tutors for undergraduate courses.

# 9

## Facilities

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### Adobe Lodge

Adobe Lodge is the oldest building on campus. Restored in 1981 to its 1822 decor, the Lodge contains a presidential dining room as well as central and private dining facilities for faculty and staff.

### Benson Memorial Center

The Robert F. Benson Memorial Center is the hub of campus life. The Benson Center is designed to meet the various needs of students, faculty, staff, alumni, and guests and to provide an environment for the education of the whole person that continues outside the classroom. Among the many services and facilities available are the Information Desk, Game Room, Cafe St. Claire, Benson Cafeteria, Bronco Corral, Spotlights, Shapell Lounge, a convenience grocery store, parlors, and Williman Room. Also housed in the building are the bookstore and post office, in addition to a number of student services offices and the offices of Campus Ministry and Associated Students.

### Classroom Buildings

Nine classroom buildings house not only some 72 classrooms but numerous administrative offices as well. Mayer Theatre and three Fine Arts buildings also provide special classroom, rehearsal, and performance facilities.

### Computing Facilities

Santa Clara provides both mainframe and personal computing facilities to support educational programs. Free noncredit short courses for both types of computers are offered periodically. Computer labs are typically open from 9:00 a.m. to midnight Monday through Friday, with hours slightly reduced on weekends.

The principal academic mainframe system is a Digital Equipment Corporation VAX-8650 running under the VMS operating system. There is also a VAX-11/750 running under the UNIX operating system. Approximately 75 terminals, located at three centers around campus, can access either of these machines. Both systems operate 24 hours per day, and student access through dial-up ports is also available.

PCs are concentrated in three general-purpose laboratories containing 140 IBM machines and various software packages for word processing, spreadsheet and data-base applications, and programming. Each of these PCs can also function as a terminal to the VAXes. An additional 90 IBM PCs are contained in three special-purpose classrooms: the English Writing Lab, Business School PC Classroom, and Engineering PC CAD Lab. Ten PCs and two ATs are located in three smaller clusters serving the Chemistry, Mathematics, and Physics departments.

The School of Engineering operates an advanced graphics workstation facility containing 50 Hewlett-Packard 9000/320 computer systems with high-resolution color displays. These machines are located in two classroom facilities (twenty systems each) and five engineering laboratories, and are used for computer-aided design (CAD), computer graphics, and software development by all four engineering disciplines. The school also operates eight IBM PC RT workstations used for computer graphics.

Most of the academic computers are connected by an Ethernet local area network (LAN) that provides high-speed communications between the various systems. The VAX-8650 is also a node on the BITNET wide-area network, providing students and faculty with electronic mail and file-transfer connections to over 200 institutions in the United States, as well as others in Canada, Europe, and Japan.

To encourage integration of computing into the curriculum in all disciplines, the University has made over 150 IBM PCs available to faculty in every academic department.

## **Cowell Health Center**

Cowell Health Center offers health services to students (see page 60). The Cowell Building also houses the Public Safety Office and the University Personnel Department.

## **de Saisset Museum**

The de Saisset Museum includes American, European, African, and Oriental art, as well as historically important objects from the early days of Mission Santa Clara. In addition to its permanent collection, it features special exhibitions of traditional, modern, and contemporary art.

Museum hours are Tuesday through Friday, 10:00 a.m. to 5:00 p.m.; Saturday and Sunday, 1:00 p.m. to 5:00 p.m.

## **Leavey Activities Center**

Leavey Activities Center is a widely used extracurricular outlet at Santa Clara. Since the construction of this approximately two acres of recreational facilities, the intramural and recreation programs have achieved 80 percent student participation and maintained a high level of interest in competition, recreation, and social activity.



Included in the center is the Toso Pavilion for basketball, as well as racquetball courts, a volleyball area, swimming pool, men's and women's locker rooms, weight training section, sauna, and steam rooms. With such facilities and activities, the Leavey Activities Center has fulfilled its design for use by students, faculty, and staff of the University. It also continues to serve as a setting for cultural and social events.

A monthly schedule of hours and activities is posted on the Leavey bulletin board. Students must present validated ID cards to an attendant upon entering.

### **Louis B. Mayer Theatre**

The 500-seat Louis B. Mayer Theatre is designed to provide the traditional proscenium stage common to most theatres, as well as an orchestra pit and thrust elevators that can be raised or lowered electrically. In a remarkably simple procedure, a wall is moved, a few seats are relocated, and the main theatre is reoriented to a new dramatic form that extends the stage into the auditorium so that the audience surrounds the action on three sides.

Mayer Theatre also has a special floor constructed for dance, as well as a large movie screen and film projector.

The Fess Parker Studio Theatre, housed within the Mayer Theatre complex, has no fixed stage or seating. Its "black box" design, complete with movable catwalks, provides superb flexibility in an experimental setting.

### **Mission Santa Clara**

Mission Church marks the historic heart of the University. Adjacent to the beautiful Mission Gardens, the Church holds regular liturgical and sacramental services and provides an open place for quiet reflection and prayer.

### **Nobili Hall**

Nobili Hall provides on-campus housing for the University's Jesuit community. The four-story facility, named for John Nobili, first president of the college, contains a dining area and a chapel.

### **Michel Orradre Library**

The Michel Orradre Library, with 110,000 square feet of space, has some 448,000 books and periodicals, more than 3,400 current periodical subscriptions, and 314,000 microforms. It is an official depository for both California state and U.S. government documents, which number some 255,500.

The library has an open-shelf plan and is open seven days a week for a total of 106 hours.

Holdings in biology, chemistry, and physics are maintained in the Science Library in the Edward Daly Science Center.

Detailed information regarding the use of the Michel Orradre Library is available in the *Library Handbook* published by the library staff.

### **Ricard Memorial Observatory**

Named after Father Jerome S. Ricard, S.J., Santa Clara's "Padre of the Rains" who was most famous for his "sunspot theory" of weather forecasting, the observatory now houses all of the University's audio-visual equipment.

### **Buck Shaw Stadium**

Built in 1962 for Santa Clara's varsity football, baseball, and soccer programs, the 10,000-seat stadium and the surrounding practice fields are the outdoor facilities for Santa Clara's highly successful intercollegiate and intramural athletic programs.





# Accreditations and Memberships

ONE HUNDRED AND THIRTY-SEVENTH YEAR

1987-88

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Universities of the Western Association of Schools and Colleges

Accredited by the American Assembly of Collegiate Schools of Business  
(Undergraduate and Graduate Programs)

Accredited by the American Bar Association

Admitted to Membership in the Association of American Law Schools

Accredited by the State Bar of California

Accredited by the Accreditation Board for Engineering and Technology  
(Undergraduate Civil, Electrical, and Mechanical Engineering)

Accredited by the California State Commission on Teacher Credentialing

Accredited by the American Chemical Society

Admitted to Membership in the National Association of Schools of Music

Admitted to Membership in the National Association of  
Schools of Theatre

Accredited by the American Association of Museums

Member of the American Council on Education

Member of the Council of Graduate Schools in the United States

Member of the American Council of Learned Societies

Member of the Association of Jesuit Colleges and Universities

Member of the Conference of Western Law Schools

Member of the College Entrance Examination Board

Member of the Association of American Colleges

Member of the Association of Independent California  
Colleges and Universities

Member of the Council for Advancement and Support of Education

Institutional Member of the American Mathematical Society

Academic Member of the Mathematical Association of America

Member of the Western Association of Graduate Schools

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*Phil and Bobbie Sanfilippo Professor*

Francisco Jiménez (Modern Languages)

*Benjamin and Mae Swig Professor*

Dragoslav D. Siljak (Electrical Engineering and Computer Science)

### College of Arts and Sciences

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Matt S. Meier (History)

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*Walter E. Schmidt, S.J., Professor*

(position vacant) (Communication)

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Henry Mollicone (Music)

*Harold and Edythe Toso Professor*

Victor B. Vari (Italian)

*Michael and Elizabeth Valeriote Professor*

Gerald L. Alexanderson (Mathematics)

### School of Engineering

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Shu-Park Chan (Electrical Engineering and Computer Science)

*John M. Sobrato Professor*

Kenneth E. Haughton (Engineering)



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*Charles J. Dirksen Professor of Business Ethics*

Clarence Walton

*W. M. Keck Foundation Professor*

Charles E. French (Agribusiness)

*Glenn Klimek Professor*

Albert V. Bruno (Marketing)

*Naumes Family Professor*

(quarterly appointee) (Agribusiness)

*Michel and Mary Orradre Professor*

Mario L. Belotti (Economics)

## FACULTY

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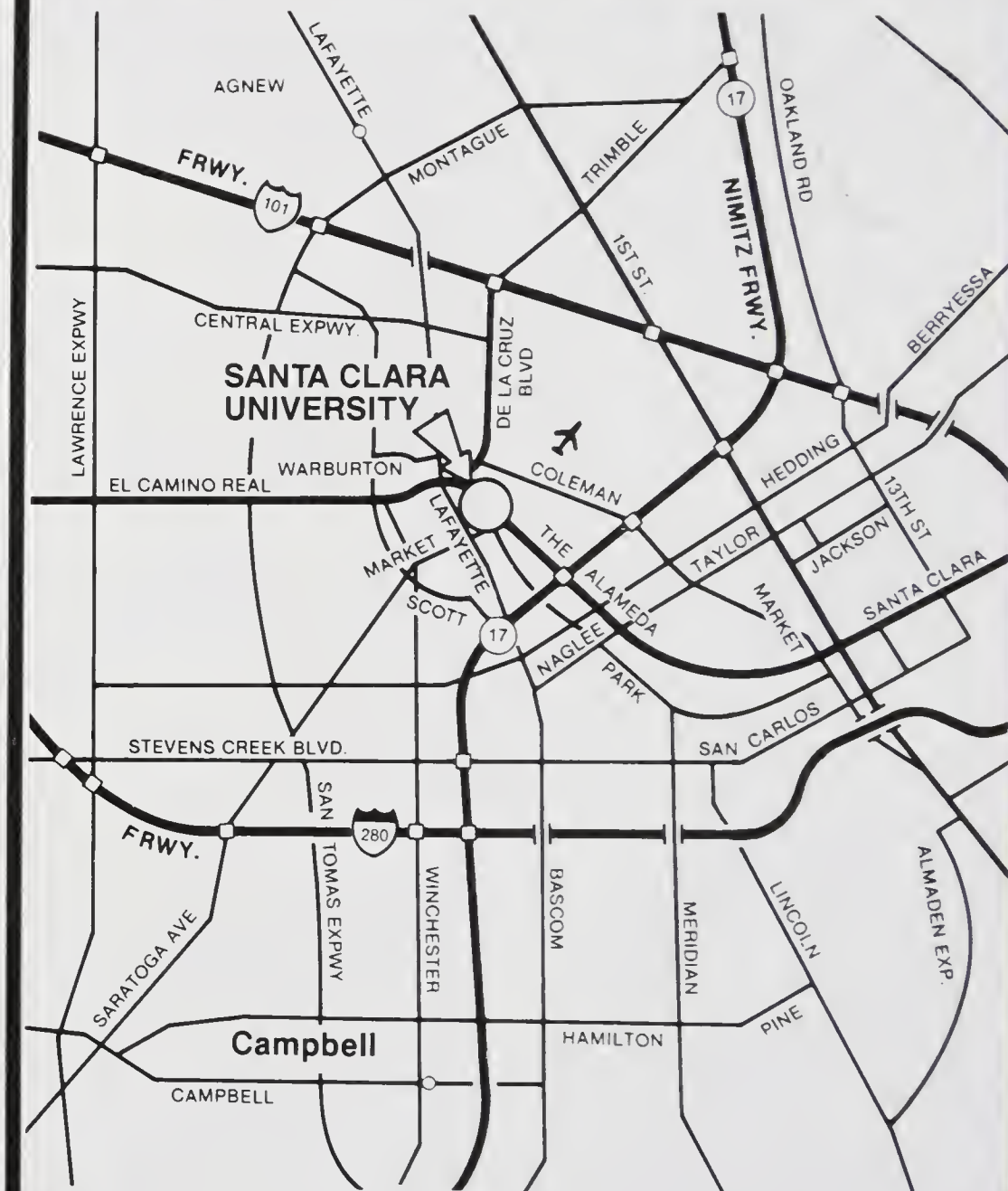
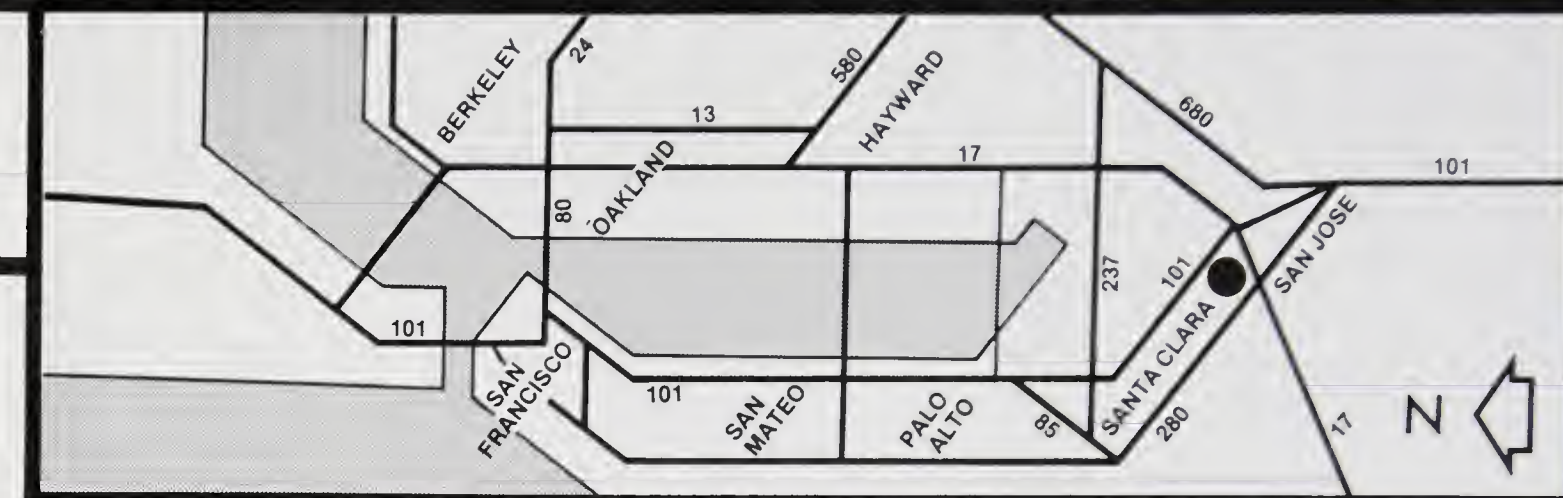
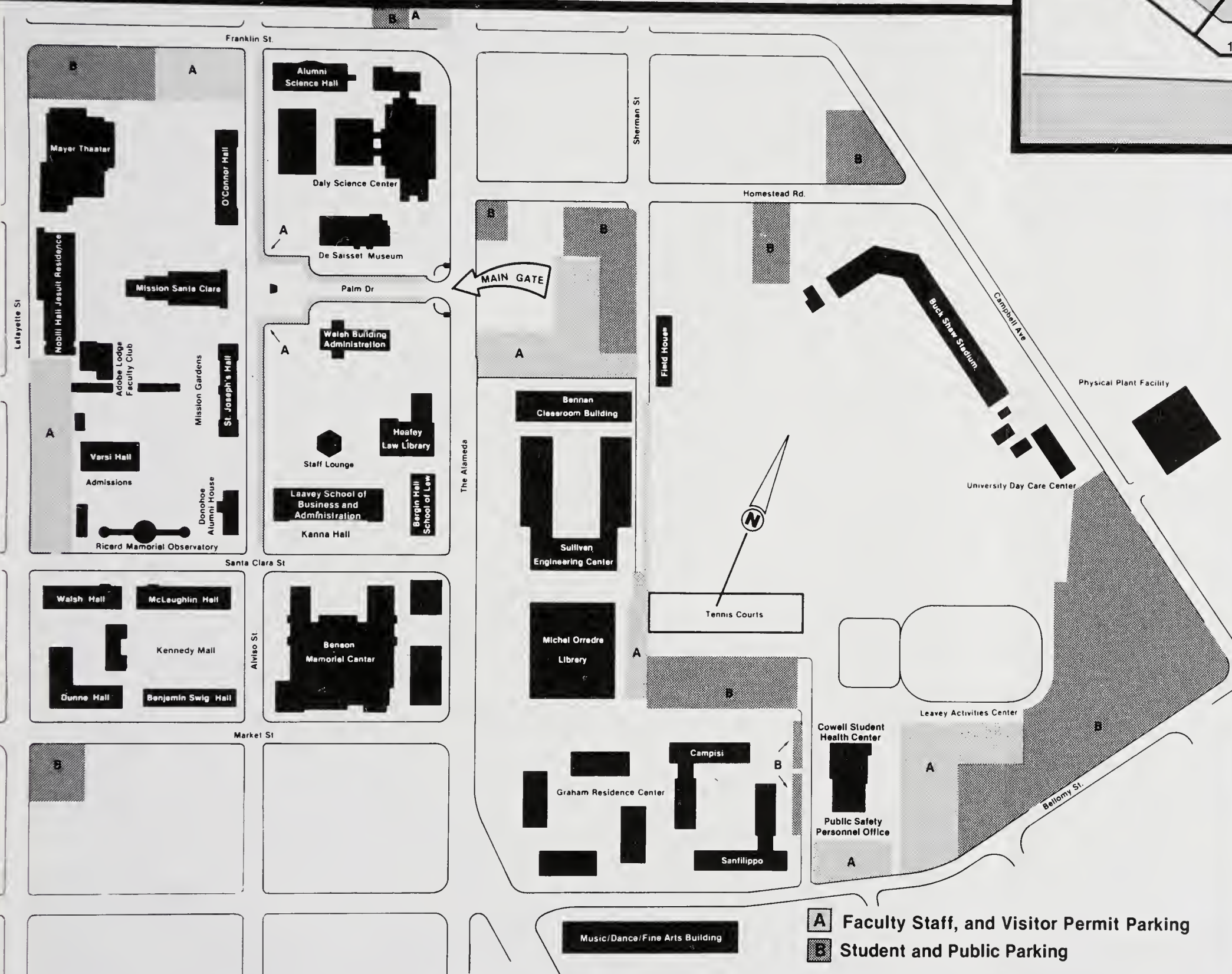








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